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ABSTRACT

This report summarizes the number of educational personnel prepared by institutions of the State University of New York. The period covered by the report is July 1, 1966, through June 30, 1971, with a detailed description of the last 3 years of this 5-year period. The data of the report may underestimate the number of educational personnel for three reasons: 1) a student may meet requirements but might not apply for certification until a later date, at which time he might obtain certification from the New York State Education Department; 2) other students might not apply for New York certification due to a move out of state; and 3) students may be enrolled in courses which only fulfill the certification requirements when added to other courses completed, either through a different institution, or by direct application to the State Education Department. Summary tables 1968-69, 1969-70, 1970-71, include institution and certificate areas. Detailed tables by sex, certificate type, and area for 1968-69, 1969-70, 1970-71 review institutional summary, institution and certificate area, certificate area summary, and certificate area and institution. A list of institutional research publications is included. (MJM)

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PREPARATION OF EDUCATIONAL PERSONNEL

1968-69, 1969-70 AND 1970-71

WITH TRENDS FROM 1966-67

Report Number 28

SP 005 676

CENTRAL STAFF OFFICE OF INSTITUTIONAL RESEARCH
STATE UNIVERSITY OF NEW YORK
February 1972

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INTRODUCTION

This report is a summary of the number of educational personnel prepared by institutions of the State University of New York. The period covered by this report is July 1, 1966 through June 30, 1971, with a detailed description of the last three years of this five-year period. It is a companion document to Preparation of Educational Personnel, 1966-67 and 1967-68.

The State University Colleges and the University Centers at Albany and Buffalo have their roots deep in the tradition of teacher education. Most of these institutions were originally normal schools, founded between 1834 and 1889, evolving into degree-granting teachers colleges, and presently developing a liberal arts character as well. Some observors have interpreted this contemporary transition as likely to have a serious impact on the supply of educational personnel, particularly for the schools of New York State. One common way to look at this change would be to compare the proportions of all students receiving Education degrees, and note that in terms of the total degrees awarded at these institutions, Education degrees make up a steadily declining proportion.

	Percent in Education				
	1966-67	1967-68	1968-69	1969-70	1970-71
Undergraduate	52.9%	48.8%	41.4%	41.7%	37.5%
Graduate	54.1%	49.7%	53.0%	49.6%	45.1%
Total	53.2%	49.0%	44.1%	43.5%	39.4%

However, the number of Education degrees granted has not followed the same declining trends, as indicated below:

	Number in Education				
	1966-67	1967-68	1968-69	1969-70	1970-71
Undergraduate	5,435	6,077	6,132	6,753	6,861
Graduate	1,683	1,778	2,289	2,404	2,755
Total	7,118	7,855	8,421	9,157	9,616

As new academic majors develop in the State University institutions which were heavily oriented forward teacher education, it is increasingly possible to obtain degrees with concentrations other than Education while still meeting the requirements for educational certification. This combination of preparation for an educational career concurrently with a non-Education degree is likely to continue to be attractive to students, particularly those who expect to teach at the secondary level. For this reason, this report provides a more appropriate measure of new educational personnel: education certifications.

Tables 1 and 2 contain five-year trends of educational certificates recommended, by campus and by certificate area, respectively. The balance of the report is in three sections, each covering in great detail these years: 1968-69, 1969-70, and 1970-71. Separate data on provisional and permanent certificates are provided, as well as for men and women recipients.

For at least three reasons, the data of this report are underestimates of the education personnel prepared by institutions of the State University of New York. First, although a student may meet all the requirements to be recommended by this college for an education certificate, he might not apply for that certificate until a later date, applying directly to the New York State Education Department, and therefore would not be enumerated in the campus statistics. This is increasingly likely because of an excess of teachers in some fields. Other eligible students may never apply through their college for certification because they may be moving out of the state, do not intend to teach upon graduation, and for other reasons. That the underestimation is not minor is seen by the estimate by one Director of Institutional Research that perhaps as many as 25 percent of his institution's students eligible for educational certification do not apply for it when first eligible. Still other students may be enrolled only in those courses which, when added to other courses completed, fulfill the certification requirements either through a different institution, or by direct application to the State Education Department in the case where the certification area is not available at that institution. This last case illustrates the involvement of an institution in the partial preparation of educational personnel without being permitted to reflect that involvement in this survey.

For the purposes of this survey, a student who had been recommended for more than one education certificate during each 12-month period was counted in more than one certificate area. It is estimated, however, that the extent of the unduplicated enumeration is so small that it would have no influence on the decisions likely to be made from using a report of this sort.

Space forbids the individual recognition of the many campus personnel who contributed the basic data for this report and those in the Central Staff Office of Institutional Research who prepared the tables and final copy. We express our appreciation for their participation. Recommendations for the improvement of this survey and the report itself will be gratefully received and studied.

Robert R. Wright
Director

SUMMARY TABLES

Institutions

Certificate Areas

TABLE 1
INSTITUTION SUMMARY OF EDUCATION CERTIFICATES
RECOMMENDED TO THE NEW YORK STATE EDUCATION DEPARTMENT
BY INSTITUTIONS OF THE STATE UNIVERSITY OF NEW YORK
1966-1967 THROUGH 1970-1971

Institution	1966-67	1967-68	1968-69	1969-70	1970-71
State University total	7,198[a]	8,683	10,013	9,794	10,141
University Centers	1,234	1,449	1,643	1,643	2,095
Albany	814	860	812	755	838
Binghamton	-	-	13	22	22
Buffalo	334	453	531	526	778
Stony Brook	86	136	287	340	457
University Colleges	5,964	7,022	8,157	7,994	7,829
Brockport	585	753	1,423	1,307	788
Buffalo	1,131	1,528	1,446	1,202	1,189
Cortland	778	740	710	837	854
Fredonia	322	426	453	503	685
Geneseo	428	530	634	754	593
New Paltz	618	735	862	729	733
Oneonta	704	565	661	855	942
Oswego	659	793	1,010	864	1,014
Plattsburgh	328	462	404	460	498
Potsdam	411	490	554	483	533
Statutory Colleges	N/A	212	213	157	217
Agriculture and Life Sciences	N/A	159	187	132	172
Ceramics	-	4	-	-	-
Human Ecology	N/A	49	26	25	45

[a]Excludes College of Agriculture and Life Sciences and College of Human Ecology for which data were not available.

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TABLE 2
CERTIFICATE AREA SUMMARY OF EDUCATION CERTIFICATES
RECOMMENDED TO THE NEW YORK STATE EDUCATION DEPARTMENT
BY INSTITUTIONS OF THE STATE UNIVERSITY OF NEW YORK
1966-67 THROUGH 1970-71

Certification area	1966-67	1967-68	1968-69	1969-70	1970-71
All areas	7,198[a]	8,683	10,013	9,794	10,141
School District Administrator[b]	17	23	44	34	34
School Administrator and Supervisor[c]	93	299	202	189	27
Elementary Teacher, N-6	2,499[d]	2,899[d]	3,183[d]	3,318[d]	3,478
Early Childhood Specialization	-	-	-	-	29
Elementary Teacher, N-6 and English (7-9)	118	122	153	129	130
Elementary Teacher, N-6 and Social Studies (7-9)	132	172	199	181	175
Elementary Teacher, N-6 and French (7-9)	3	8	5	11	17
Elementary Teacher, N-6 and German (7-9)	1	-	-	-	-
Elementary Teacher, N-6 and Latin (7-9)	-	-	-	-	1
Elementary Teacher, N-6 and Spanish (7-9)	8	3	5	4	15
Elementary Teacher, N-6 and Mathematics (7-9)	101	138	182	164	154
Elementary Teacher, N-6 and General Science (7-9)	57	72	85	92	87
Elementary, N-9 (Reading)	-	-	9	14	28
Mentally Retarded	119[e]	136[e]	157	157	178
Physically Handicapped-Orthopedic	21	20	23	20	17
Physically Handicapped-Deaf	5	2	7	7	4

[a]Excludes Colleges of Agriculture and Human Ecology for which data are not available.

[b]Includes the following areas which are now obsolete: Superintendent and Deputy Superintendent.

[c]Includes the following areas which are now obsolete: Secondary Principal; Vocational Principal; Technical High School Principal; Elementary Principal; Director of Vocational Education; Director of Health, Physical Education, and Recreation; Secondary Supervisor; Vocational Supervisor; Shop Subjects Trades Supervisor; Teacher-Coordinator of Vocational-Industrial Cooperative Program; and Elementary Supervisor.

[d]Includes "Early Childhood Specialization", not reported separately in these years.

[e]Formerly called "Mentally Handicapped."

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TABLE 2
CERTIFICATE AREA SUMMARY OF EDUCATION CERTIFICATES
RECOMMENDED TO THE NEW YORK STATE EDUCATION DEPARTMENT
BY INSTITUTIONS OF THE STATE UNIVERSITY OF NEW YORK
1966-67 THROUGH 1970-71
(Continued)

Certification area	1966-67	1967-68	1968-69	1969-70	1970-71
Speech and Hearing Handicapped	86	128	149	146	153
English (7-12)	521	693	813	747	900
Social Studies (7-12)	687	763	875	863	1,034
Mathematics (7-12)	385	424	520	443	521
French (7-12)	102	165	200	184	191
German (7-12)	29	31	35	20	26
Italian (7-12)	-	1	-	4	1
Latin (7-12)	19	20	12	13	14
Russian (7-12)	9	15	10	9	7
Spanish (7-12)	66	91	120	149	126
Biology (7-12)	197	210	249	247	254
Chemistry (7-12)	57	71	74	74	76
Physics (7-12)	43	27	65	40	49
Earth Science (7-12)	53	36	47	55	50
Agriculture	N/A	26	29	28	21
Art	253	285	294	255	252
Commerce[a]	183	198	174	180	180
Commerce and Distributive Occupation Subjects[b]	9	3	-	7	9
Health	34	38	287	268	132
Home Economics	178[c]	245[c]	232	235	223
Library	120	102	93	112	63
Music	159	208	233	225	210
Physical Education	339[d]	365[d]	477	470	415
Recreation	23	68	23	19	69

[a]Includes the following titles which are now obsolete: General Commercial; Stenography and Typewriting; and Accounting and Business Practice.

[b]Includes the following titles which are now obsolete: Merchandising and Sales; and Distributive Education.

[c]Formerly called "Homemaking."

[d]Formerly called "Physical Education and Hygiene."

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TABLE 2
CERTIFICATE AREA SUMMARY OF EDUCATION CERTIFICATES
RECOMMENDED TO THE NEW YORK STATE EDUCATION DEPARTMENT
BY INSTITUTIONS OF THE STATE UNIVERSITY OF NEW YORK
1966-67 THROUGH 1970-71
(Continued)

Certification area	1966-67	1967-68	1968-69	1969-70	1970-71
Speech	20	22	48	36	58
Industrial Arts	248	256	298	316	324
Trade Shop Subjects	29[a]	54[a]	154	91	221
Technical Subjects	9	16	-	-	2
Related Technical Subjects	2	5	1	-	2
Related Trade Subjects	-	2	-	-	-
School Nurse Teacher	62	69	17	20	21
School Dental Hygiene Teacher	-	24[b]	40	34	-
School Psychologist	-	-	6	18	16
Guidance	102[c]	102[c]	170	128	147
Other areas	-	8[d]	14	38[e]	-

[a]Formerly called "Shop Subjects Trades."

[b]Formerly called "Dental Hygienist."

[c]Formerly called "Guidance Counselor."

[d]Graduate Teacher Preparation Program, now discontinued.

[e]Includes "Special 5th year" (which has been discontinued) as follows: Elementary Teacher, N-6; Mathematics (7-12); and Social Studies (7-12).

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1968-1969 DETAILED TABLES

Institutional Summary

Institution and Certificate Area

Certificate Area Summary

Certificate Area and Institution

TABLE 3
EDUCATIONAL CERTIFICATIONS RECOMMENDED TO THE STATE EDUCATION DEPARTMENT
STATE UNIVERSITY OF NEW YORK
JULY 1, 1968 THROUGH JUNE 30,1969

Institution	All certificates recommended			Provisional certificates			Permanent certificates		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
State University total	10,013	3,391	6,622	8,193	2,454	5,739	1,820	937	883
University Centers	1,643	523	1,120	1,162	278	884	481	245	236
Albany	812	235	577	519	115	404	293	120	173
Binghamton	13	3	10	-	-	-	13	3	10
Buffalo	531	226	305	356	104	252	175	122	53
Stony Brook	287	59	228	287	59	228	-	-	-
University Colleges	8,157	2,742	5,415	6,910	2,109	4,801	1,247	633	614
Brockport	1,423	583	840	1,149	445	704	274	138	136
Buffalo	1,446	429	1,017	1,184	344	840	262	85	177
Cortland	710	156	554	710	156	554	-	-	-
Fredonia	453	153	300	407	130	277	46	23	23
Geneseo	634	175	459	507	126	381	127	49	78
New Paltz	862	310	552	694	201	493	168	109	59
Oneonta	661	157	504	583	118	465	78	39	39
Oswego	1,010	489	521	863	378	485	147	111	36
Plattsburgh	404	166	238	338	125	213	66	41	25
Potsdam	554	124	430	475	86	389	79	38	41
Statutory Colleges	213	126	87	121	67	54	92	59	33
Agriculture	187	126	61	99	69	32	88	59	29
Human Ecology	26	-	26	22	-	22	4	-	4

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TABLE 4
EDUCATIONAL CERTIFICATIONS RECOMMENDED TO THE STATE EDUCATION DEPARTMENT
JULY 1, 1968 THROUGH JUNE 30, 1969
STATE UNIVERSITY OF NEW YORK

Institution and certificate area	All certificates recommended	Provisional certificates	Permanent certificates
State University total	10,013	8,193	1,820
University Centers	1,643	1,162	481
Albany	812	519	293
School District Administrator	7	-	7
Elementary Teacher, N-6 and Reading	9	-	9
Speech and Hearing Handicapped	23	19	4
English (7-12)	178	135	43
Social Studies (7-12)	125	70	55
Biology (7-12)	29	19	10
Chemistry (7-12)	5	3	2
Physics (7-12)	9	5	4
Mathematics (7-12)	97	64	33
French (7-12)	68	54	14
German (7-12)	14	8	6
Latin (7-12)	10	9	1
Russian (7-12)	9	7	2
Spanish (7-12)	41	34	7
Commerce	100	62	38
Accounting and Business Practice	31	17	14
Library	28	-	28
Speech	7	7	-
School Psychologist	5	-	5
Guidance	17	6	11
Binghamton	13	-	13
English (7-12)	9	-	9
Social Studies (7-12)	2	-	2
Music	2	-	2
Buffalo	531	356	175
School District Administrator	2	-	2
Superintendent	29	-	29
Vocational Supervisor	1	-	1
Elementary Principal	17	3	14
Secondary Principal	23	5	18

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TABLE 4
EDUCATIONAL CERTIFICATIONS RECOMMENDED TO THE STATE EDUCATION DEPARTMENT
JULY 1, 1968 THROUGH JUNE 30, 1969
STATE UNIVERSITY OF NEW YORK
(Continued)

Institution and certificate area	All certificates recommended	Provisional certificates	Permanent certificates
Buffalo (continued)			
Elementary Supervisor	3	-	3
Secondary Supervisor	5	1	4
Elementary Teacher, N-6	53	44	9
English (7-12)	77	67	10
Social Studies (7-12)	89	73	16
Mathematics (7-12)	22	11	11
French (7-12)	23	16	7
German (7-12)	11	8	3
Latin (7-12)	2	1	1
Spanish (7-12)	19	17	2
Biology (7-12)	5	2	3
Chemistry (7-12)	3	3	-
Physics (7-12)	3	3	-
Art	13	9	4
Commerce	43	37	6
Health	5	4	1
Library	2	-	2
Music	16	9	7
Physical Education	55	33	22
Speech	9	9	-
Other	1	1	-
Stony Brook	287	287	-
Elementary Teacher, N-6	129	129	-
English (7-12)	37	37	-
Social Studies (7-12)	51	51	-
Mathematics (7-12)	33	33	-
French (7-12)	11	11	-
German (7-12)	3	3	-
Spanish (7-12)	15	15	-
Biology (7-12)	7	7	-
Physics (7-12)	1	1	-
University Colleges	8,157	6,910	1,247

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TABLE 4
EDUCATIONAL CERTIFICATIONS RECOMMENDED TO THE STATE EDUCATION DEPARTMENT
JULY 1, 1968 THROUGH JUNE 30, 1969
STATE UNIVERSITY OF NEW YORK
(Continued)

Institution and certificate area	All certificates recommended	Provisional certificates	Permanent certificates
University Colleges (continued)			
Brockport	1,423	1,149	274
School Administrator and Supervisor	21	3	18
Elementary Teacher, N-6	417	379	38
Elementary Teacher, N-6 and English (7-9)	24	22	2
Elementary Teacher, N-6 and Social Studies (7-9)	52	45	7
Elementary Teacher, N-6 and Mathematics (7-9)	39	34	5
Elementary Teacher, N-6 and General Science (7-9)	21	18	3
Speech and Hearing Handicapped	1	1	-
English (7-12)	51	39	12
Social Studies (7-12)	88	73	15
Mathematics (7-12)	74	49	25
French (7-12)	2	2	-
Spanish (7-12)	3	3	-
Biology (7-12)	35	32	3
Chemistry (7-12)	10	7	3
Physics (7-12)	4	4	-
Earth Science (7-12)	6	4	2
Health	242	212	30
Physical Education	293	222	71
School Dental Hygiene Teacher	40	-	40
Buffalo	1,446	1,184	262
School Administrator and Supervisor	2	-	2
Elementary Teacher, N-6	487	450	37
Elementary Teacher, N-6 and English (7-9)	10	8	2
Elementary Teacher, N-6 and Social Studies (7-9)	8	8	-
Elementary Teacher, N-6 and Spanish (7-9)	1	-	1

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TABLE 4
EDUCATIONAL CERTIFICATIONS RECOMMENDED TO THE STATE EDUCATION DEPARTMENT
JULY 1, 1968 THROUGH JUNE 30, 1969
STATE UNIVERSITY OF NEW YORK
(Continued)

Institution and certificate area	All certificates recommended	Provisional certificates	Permanent certificates
Buffalo (continued)			
Elementary Teacher, N-6 and Mathematics (7-9)	12	10	2
Elementary Teacher, N-6 and General Science (7-9)	4	2	2
Mentally Retarded	108	93	15
Physically Handicapped-Orthopedic	23	20	3
Physically Handicapped-Deaf	7	7	-
Speech and Hearing Handicapped	40	28	12
English (7-12)	98	72	26
Social Studies (7-12)	100	75	25
Mathematics (7-12)	53	40	13
French (7-12)	13	13	-
Spanish (7-12)	7	7	-
Biology (7-12)	34	23	11
Chemistry (7-12)	10	7	3
Physics (7-12)	6	5	1
Earth Science (7-12)	4	2	2
Art	153	103	50
Home Economics	105	71	34
Industrial Arts	161	140	21
Cortland	710	710	-
Elementary Teacher, N-6	299	299	-
Elementary Teacher, N-6 and English (7-9)	17	17	-
Elementary Teacher, N-6 and Social Studies (7-9)	31	31	-
Elementary Teacher, N-6 and Mathematics (7-9)	40	40	-
Elementary Teacher, N-6 and General Science (7-9)	7	7	-
English (7-12)	39	39	-
Social Studies (7-12)	26	26	-
Mathematics (7-12)	37	37	-
French (7-12)	4	4	-
Spanish (7-12)	1	1	-

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TABLE 4
EDUCATIONAL CERTIFICATIONS RECOMMENDED TO THE STATE EDUCATION DEPARTMENT
JULY 1, 1968 THROUGH JUNE 30, 1969
STATE UNIVERSITY OF NEW YORK
(Continued)

Institution and certificate area	All certificates recommended	Provisional certificates	Permanent certificates
Cortland (continued)			
Biology (7-12)	12	12	-
Chemistry (7-12)	2	2	-
Physics (7-12)	2	2	-
Earth Science (7-12)	1	1	-
Health	40	40	-
Physical Education	129	129	-
Recreation	23	23	-
Fredonia	453	407	46
Elementary Teacher, N-6	165	161	4
Elementary Teacher, N-6 and English (7-9)	7	7	-
Elementary Teacher, N-6 and Social Studies (7-9)	6	6	-
Elementary Teacher, N-6 and French (7-9)	2	2	-
Elementary Teacher, N-6 and Spanish (7-9)	1	1	-
Elementary Teacher, N-6 and Mathematics (7-9)	2	2	-
Speech and Hearing Handicapped	18	15	3
English (7-12)	51	43	8
Social Studies (7-12)	31	26	5
Mathematics (7-12)	20	15	5
French (7-12)	14	14	-
Spanish (7-12)	7	7	-
Biology (7-12)	11	10	1
Chemistry (7-12)	6	6	-
Physics (7-12)	1	1	-
Earth Science (7-12)	5	5	-
Music	97	77	20
Speech	9	9	-
Geneseo	634	507	127
School Administrator and Supervisor	22	2	20
Elementary Teacher, N-6	195	176	19

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TABLE 4
EDUCATIONAL CERTIFICATIONS RECOMMENDED TO THE STATE EDUCATION DEPARTMENT
JULY 1, 1968 THROUGH JUNE 30, 1969
STATE UNIVERSITY OF NEW YORK
(Continued)

Institution and certificate area	All certificates recommended	Provisional certificates	Permanent certificates
Geneseo (continued)			
Elementary Teacher, N-6 and English (7-9)	25	24	1
Elementary Teacher, N-6 and Social Studies (7-9)	24	24	-
Elementary Teacher, N-6 and French (7-9)	1	1	-
Elementary Teacher, N-6 and Mathematics (7-9)	11	8	3
Elementary Teacher, N-6 and General Science (7-9)	7	7	-
Mentally Retarded	49	48	1
Speech and Hearing Handicapped	67	51	16
English (7-12)	45	35	10
Social Studies (7-12)	46	39	7
Mathematics (7-12)	29	26	3
French (7-12)	6	4	2
Biology (7-12)	12	8	4
Chemistry (7-12)	3	1	2
Physics (7-12)	11	4	7
Library	63	35	28
Speech	18	14	4
New Paltz	862	694	168
Elementary Principal	30	10	20
Elementary Supervisor	17	7	10
Elementary Teacher, N-6	376	341	35
Elementary Teacher, N-6 and English (7-9)	13	8	5
Elementary Teacher, N-6 and Social Studies (7-9)	16	14	2
Elementary Teacher, N-6 and Mathematics (7-9)	8	6	2
Elementary Teacher, N-6 and General Science (7-9)	7	3	4
English (7-12)	71	59	12

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TABLE 4
EDUCATIONAL CERTIFICATIONS RECOMMENDED TO THE STATE EDUCATION DEPARTMENT
JULY 1, 1968 THROUGH JUNE 30, 1969
STATE UNIVERSITY OF NEW YORK
(Continued)

Institution and certificate area	All certificates recommended	Provisional certificates	Permanent certificates
New Paltz (continued)			
Social Studies (7-12)	101	79	22
Mathematics (7-12)	32	20	12
French (7-12)	14	8	6
German (7-12)	4	4	-
Spanish (7-12)	4	2	2
Biology (7-12)	26	19	7
Chemistry (7-12)	2	2	-
Physics (7-12)	5	3	2
Earth Science (7-12)	8	6	2
Art	128	103	25
Oneonta	661	583	78
Elementary Teacher, N-6	296	283	13
Elementary Teacher, N-6 and English (7-9)	22	22	-
Elementary Teacher, N-6 and Social Studies (7-9)	17	17	-
Elementary Teacher, N-6 and French (7-9)	2	2	-
Elementary Teacher, N-6 and Spanish (7-9)	2	2	-
Elementary Teacher, N-6 and Mathematics (7-9)	35	35	-
Elementary Teacher, N-6 and General Science (7-9)	21	20	1
English (7-12)	36	33	3
Social Studies (7-12)	44	42	2
Mathematics (7-12)	24	21	3
French (7-12)	2	2	-
Spanish (7-12)	2	2	-
Biology (7-12)	12	11	1
Chemistry (7-12)	5	3	2
Earth Science (7-12)	4	4	-
Home Economics	68	66	2
Speech	5	5	-

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TABLE 4
EDUCATIONAL CERTIFICATIONS RECOMMENDED TO THE STATE EDUCATION DEPARTMENT
JULY 1, 1968 THROUGH JUNE 30, 1969
STATE UNIVERSITY OF NEW YORK
(Continued)

Institution and certificate area	All certificates recommended	Provisional certificates	Permanent certificates
Oneonta (continued)			
School Nurse Teacher	17	13	4
Guidance	47	-	47
Oswego	1,010	863	147
School Administrator and Supervisor	3	2	1
Elementary Teacher, N-6	360	351	9
Elementary Teacher, N-6 and English (7-9)	12	12	-
Elementary Teacher, N-6 and Social Studies (7-9)	19	19	-
Elementary Teacher, N-6 and Mathematics (7-9)	11	11	-
Elementary Teacher, N-6 and General Science (7-9)	8	8	-
English (7-12)	45	41	4
Social Studies (7-12)	64	54	10
Mathematics (7-12)	26	23	3
French (7-12)	17	17	-
German (7-12)	3	3	-
Spanish (7-12)	16	16	-
Biology (7-12)	26	21	5
Chemistry (7-12)	8	4	4
Physics (7-12)	2	2	-
Earth Science (7-12)	9	9	-
Industrial Arts	137	137	-
Trade Shop Subjects	154	105	49
Related Trade Subjects	1	-	1
Guidance	76	20	56
Other	13	8	5
Plattsburgh	404	338	66
School Administrator and Supervisor	18	1	17
Elementary Teacher, N-6	159	157	2
Elementary Teacher, N-6 and English (7-9)	8	8	-

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TABLE 4
EDUCATIONAL CERTIFICATIONS RECOMMENDED TO THE STATE EDUCATION DEPARTMENT
JULY 1, 1968 THROUGH JUNE 30, 1969
STATE UNIVERSITY OF NEW YORK
(Continued)

Institution and certificate area	All certificates recommended	Provisional certificates	Permanent certificates
Plattsburgh (continued)			
Elementary Teacher, N-6 and Social Studies (7-9)	12	12	-
Elementary Teacher, N-6 and Mathematics (7-9)	14	14	-
English (7-12)	31	26	5
Social Studies (7-12)	45	42	3
Mathematics (7-12)	29	28	1
Biology (7-12)	10	9	1
Chemistry (7-12)	6	6	-
Physics (7-12)	13	3	10
Home Economics	33	24	9
School Psychologist	1	-	1
Guidance	25	8	17
Potsdam	554	475	79
Elementary Principal	2	1	1
Elementary Teacher, N-6	247	234	13
Elementary Teacher, N-6 and English (7-9)	15	14	1
Elementary Teacher, N-6 and Social Studies (7-9)	14	14	-
Elementary Teacher, N-6 and Spanish (7-9)	1	1	-
Elementary Teacher, N-6 and Mathematics (7-9)	10	10	-
Elementary Teacher, N-6 and General Science (7-9)	10	9	1
English (7-12)	22	18	4
Social Studies (7-12)	40	32	8
Mathematics (7-12)	32	23	9
French (7-12)	22	19	3
Biology (7-12)	7	6	1
Chemistry (7-12)	7	2	5
Physics (7-12)	5	2	3
Earth Science (7-12)	2	2	-
Music	118	88	30

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TABLE 4
EDUCATIONAL CERTIFICATIONS RECOMMENDED TO THE STATE EDUCATION DEPARTMENT
JULY 1, 1968 THROUGH JUNE 30, 1969
STATE UNIVERSITY OF NEW YORK
(Continued)

Institution and certificate area	All certificates recommended	Provisional certificates	Permanent certificates
Statutory Colleges	213	121	92
Agriculture	187	99	88
Superintendent	6	-	6
Secondary Principal	29	10	19
Elementary Principal	7	1	6
Secondary Supervisor	2	-	2
English (7-12)	23	12	11
Social Studies (7-12)	23	13	10
Mathematics (7-12)	12	4	8
French (7-12)	4	1	3
Spanish (7-12)	5	5	-
Russian (7-12)	1	1	-
Biology (7-12)	23	17	6
Chemistry (7-12)	7	3	4
Physics (7-12)	3	-	3
Earth Science (7-12)	8	4	4
Agriculture	29	24	5
Guidance	5	4	1
Human Ecology	26	22	4
Home Economics	26	22	4

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TABLE 5
EDUCATIONAL CERTIFICATIONS RECOMMENDED TO THE STATE EDUCATION DEPARTMENT
JULY 1, 1968 THROUGH JUNE 30, 1969
STATE UNIVERSITY OF NEW YORK

Certification area	All certificates recommended	Provisional certificates	Permanent certificates
All areas	10,013	8,193	1,820
School District Administrator	9	-	9
School Administrator and Supervisor	66	8	58
Superintendent	35	-	35
Secondary Principal	52	15	37
Elementary Principal	56	15	41
Secondary Supervisor	7	1	6
Vocational Supervisor	1	-	1
Elementary Supervisor	20	7	13
Elementary Teacher, N-6	3,183	3,004	179
Elementary Teacher, N-6 and English (7-9)	153	142	11
Elementary Teacher, N-6 and Social Studies (7-9)	199	190	9
Elementary Teacher, N-6 and French (7-9)	5	5	-
Elementary Teacher, N-6 and Spanish (7-9)	5	4	1
Elementary Teacher, N-6 and Mathematics (7-9)	182	170	12
Elementary Teacher, N-6 and General Science (7-9)	85	74	11
Elementary Teacher, N-9 (Reading)	9	-	9
Mentally Retarded	157	141	16
Physically Handicapped-Orthopedic	23	20	3
Physically Handicapped-Deaf	7	7	-
Speech and Hearing Handicapped	149	114	35
English (7-12)	813	656	157
Social Studies (7-12)	875	695	180
Mathematics (7-12)	520	394	126
French (7-12)	200	165	35
German (7-12)	35	26	9

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TABLE 5
EDUCATIONAL CERTIFICATIONS RECOMMENDED TO THE STATE EDUCATION DEPARTMENT
JULY 1, 1968 THROUGH JUNE 30, 1969
STATE UNIVERSITY OF NEW YORK
(Continued)

Certification area	All certificates recommended	Provisional certificates	Permanent certificates
Latin (7-12)	12	10	2
Russian (7-12)	10	8	2
Spanish (7-12)	120	109	11
Biology (7-12)	249	196	53
Chemistry (7-12)	74	49	25
Physics (7-12)	65	35	30
Earth Science (7-12)	47	37	10
Agriculture	29	24	5
Art	294	215	79
Commerce	143	99	44
Accounting and Business Practice	31	17	14
Health	287	256	31
Home Economics	232	183	49
Library	93	35	58
Music	233	174	59
Physical Education	477	384	93
Recreation	23	23	-
Speech	48	44	4
Industrial Arts	298	277	21
Trade Shop Subjects	154	105	49
Related Trade Subjects	1	-	1
School Nurse Teacher	17	13	4
School Dental Hygiene Teacher[a]	40	-	40
School Psychologist	6	-	6
Guidance	170	38	132
Other areas	14	9	5

[a]Excludes two-year programs.

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TABLE 6
EDUCATIONAL CERTIFICATIONS RECOMMENDED TO THE STATE EDUCATION DEPARTMENT
JULY 1, 1968 THROUGH JUNE 30, 1969
STATE UNIVERSITY OF NEW YORK

Certification area and institution	All certificates			Provisional certificates			Permanent certificates		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
State University total	10,013	3,391	6,622	8,193	2,454	5,739	1,820	937	883
School District Administration	9	9	-	-	-	-	9	9	-
Albany Center	7	7	-	-	-	-	7	7	-
Buffalo Center	2	2	-	-	-	-	2	2	-
School Administrator and Supervisor	66	45	21	8	3	5	58	42	16
Brockport College	21	14	7	3	1	2	18	13	5
Buffalo College	2	1	1	-	-	-	2	1	1
Geneseo College	22	11	11	2	-	2	20	11	9
Oswego College	3	2	1	2	1	1	1	1	-
Plattsburgh College	18	17	1	1	1	-	17	16	1
Superintendent	35	35	-	-	-	-	35	35	-
Buffalo Center	29	29	-	-	-	-	29	29	-
Agriculture College	6	6	-	-	-	-	6	6	-
Secondary Principal	52	52	-	15	15	-	37	37	-
Buffalo Center	23	23	-	5	5	-	18	18	-
Agriculture College	29	29	-	10	10	-	19	19	-
Elementary Principal	56	50	6	15	14	1	41	36	5
Buffalo Center	17	13	4	3	3	-	14	10	4
New Paltz College	30	30	-	10	10	-	20	20	-
Potsdam College	2	2	-	1	1	-	1	1	-
Agriculture College	7	5	2	1	-	1	6	5	1

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TABLE 6
EDUCATIONAL CERTIFICATIONS RECOMMENDED TO THE STATE EDUCATION DEPARTMENT
JULY 1, 1968 THROUGH JUNE 30, 1969
STATE UNIVERSITY OF NEW YORK
(Continued)

Certification area and institution	All certificates			Provisional certificates			Permanent certificates		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
Secondary Supervisor	7	7	-	1	1	-	6	6	-
Buffalo Center	5	5	-	1	1	-	4	4	-
Agriculture College	2	2	-	-	-	-	2	2	-
Vocational Supervisor	1	1	-	-	-	-	1	1	-
Buffalo Center	1	1	-	-	-	-	1	1	-
Elementary Supervisor	20	17	3	7	6	1	13	11	2
Buffalo Center	3	3	-	-	-	-	3	3	-
New Paltz College	17	14	3	7	6	1	10	8	2
Elementary Teacher, N-6	3,183	328	2,855	3,004	298	2,706	179	30	149
Buffalo Center	53	1	52	44	1	43	9	-	9
Stony Brook Center	129	3	126	129	3	126	-	-	-
Brockport College	417	55	362	379	44	335	38	11	27
Buffalo College	487	62	425	450	60	390	37	2	35
Cortland College	299	5	294	299	5	294	-	-	-
Fredonia College	165	25	140	161	25	136	4	-	4
Geneseo College	195	23	172	176	19	157	19	4	15
New Paltz College	376	52	324	341	43	298	35	9	26
Oneonta College	296	17	279	283	17	266	13	-	13
Oswego College	360	42	318	351	39	312	9	3	6
Plattsburgh College	159	31	128	157	30	127	2	1	1
Potsdam College	247	12	235	234	12	222	13	-	13

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TABLE 6
EDUCATIONAL CERTIFICATIONS RECOMMENDED TO THE STATE EDUCATION DEPARTMENT
JULY 1, 1968 THROUGH JUNE 30, 1969
STATE UNIVERSITY OF NEW YORK
(Continued)

Certification area and institution	All certificates			Provisional certificates			Permanent certificates		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
Elementary Teacher, N-6 and English (7-9)	153	26	127	142	21	121	11	5	6
Brockport College	24	6	18	22	5	17	2	1	1
Buffalo College	10	4	6	8	3	5	2	1	1
Cortland College	17	1	16	17	1	16	-	-	-
Fredonia College	7	-	7	7	-	7	-	-	-
Geneseo College	25	4	21	24	4	20	1	-	1
New Paltz College	13	4	9	8	1	7	5	3	2
Oneonta College	22	2	20	22	2	20	-	-	-
Oswego College	12	4	8	12	4	8	-	-	-
Plattsburgh College	8	1	7	8	1	7	-	-	-
Potsdam College	15	-	15	14	-	14	1	-	1
Elementary Teacher, N-6 and Social Studies (7-9)	199	106	93	190	99	91	9	7	2
Brockport College	52	34	18	45	29	16	7	5	2
Buffalo College	8	5	3	8	5	3	-	-	-
Cortland College	31	10	21	31	10	21	-	-	-
Fredonia College	6	2	4	6	2	4	-	-	-
Geneseo College	24	14	10	24	14	10	-	-	-
New Paltz College	16	11	5	14	9	5	2	2	-
Oneonta College	17	9	8	17	9	8	-	-	-
Oswego College	19	11	8	19	11	8	-	-	-
Plattsburgh College	12	7	5	12	7	5	-	-	-
Potsdam College	14	3	11	14	3	11	-	-	-

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TABLE 6
EDUCATIONAL CERTIFICATIONS RECOMMENDED TO THE STATE EDUCATION DEPARTMENT
JULY 1, 1968 THROUGH JUNE 30, 1969
STATE UNIVERSITY OF NEW YORK
(Continued)

Certification area and institution	All certificates			Provisional certificates			Permanent certificates		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
Elementary Teacher, N-6 and French (7-9)	5	1	4	5	1	4	4	-	-
Fredonia College	2	-	2	2	-	2	-	-	-
Geneseo College	1	-	1	1	-	1	-	-	-
Oneonta College	2	1	1	2	1	1	-	-	-
Elementary Teacher, N-6 and Spanish (7-9)	5	-	5	4	-	4	1	-	1
Buffalo College	1	-	1	-	-	-	1	-	1
Fredonia College	1	-	1	1	-	1	-	-	-
Oneonta College	2	-	2	2	-	2	-	-	-
Potsdam College	1	-	1	1	-	1	-	-	-
Elementary Teacher, N-6 and Mathematics (7-9)	182	62	120	170	53	117	12	9	3
Brockport College	39	22	17	34	18	16	5	4	1
Buffalo College	12	3	9	10	3	7	2	-	2
Cortland College	40	13	27	40	13	27	-	-	-
Fredonia College	2	-	2	2	-	2	-	-	-
Geneseo College	11	5	6	8	2	6	3	3	-
New Paltz College	8	2	6	6	-	6	2	2	-
Oneonta College	35	8	27	35	8	27	-	-	-
Oswego College	11	4	7	11	4	7	-	-	-
Plattsburgh College	14	4	10	14	4	10	-	-	-
Potsdam College	10	1	9	10	1	9	-	-	-

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TABLE 6
EDUCATIONAL CERTIFICATIONS RECOMMENDED TO THE STATE EDUCATION DEPARTMENT
JULY 1, 1968 THROUGH JUNE 30, 1969
STATE UNIVERSITY OF NEW YORK
(Continued)

Certification area and institution	All certificates			Provisional certificates			Permanent certificates		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
Elementary Teacher, N-6 and General Science (7-9)	85	49	36	74	42	32	11	7	4
Brockport College	21	10	11	18	8	10	3	2	1
Buffalo College	4	1	3	2	1	1	2	-	2
Cortland College	7	2	5	7	2	5	-	-	-
Geneseo College	7	4	3	7	4	3	-	-	-
New Paltz College	7	5	2	3	1	2	4	4	-
Oneonta College	21	13	8	20	13	7	1	-	1
Oswego College	8	7	1	8	7	1	-	-	-
Potsdam College	10	7	3	9	6	3	1	1	-
Elementary Teacher, N-9 (Reading)	9	4	5	-	-	-	9	4	5
Albany Center	9	4	5	-	-	-	9	4	5
Mentally Retarded	157	20	137	141	15	126	16	5	11
Buffalo College	108	14	94	93	9	84	15	5	10
Geneseo College	49	6	43	48	6	42	1	-	1
Physically Handicapped-Orthopedic	23	2	21	20	2	18	3	-	3
Buffalo College	23	2	21	20	2	18	3	-	3
Physically Handicapped-Deaf	7	-	7	7	-	7	-	-	-
Buffalo College	7	-	7	7	-	7	-	-	-

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TABLE 6
EDUCATIONAL CERTIFICATIONS RECOMMENDED TO THE STATE EDUCATION DEPARTMENT
JULY 1, 1968 THROUGH JUNE 30, 1969
STATE UNIVERSITY OF NEW YORK
(Continued)

Certification area and institution	All certificates			Provisional certificates			Permanent certificates		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
Speech and Hearing Handicapped	149	15	134	114	8	106	35	7	28
Albany Center	23	3	20	19	2	17	4	1	3
Brockport College	1	-	1	1	-	1	-	-	-
Buffalo College	40	3	37	28	1	27	12	2	10
Fredonia College	18	2	16	15	2	13	3	-	3
Geneseo College	67	7	60	51	3	48	16	4	12
English (7-12)	813	191	622	656	131	525	157	60	97
Albany Center	178	25	153	135	12	123	43	13	30
Binghamton Center	9	2	7	-	-	-	9	2	7
Buffalo Center	77	16	61	67	9	58	10	7	3
Stony Brook Center	37	5	32	37	5	32	-	-	-
Brockport College	51	12	39	39	7	32	12	5	7
Buffalo College	98	18	80	72	11	61	26	7	19
Cortland College	39	7	32	39	7	32	-	-	-
Fredonia College	51	16	35	43	11	32	8	5	3
Geneseo College	45	17	28	35	10	25	10	7	3
New Paltz College	71	23	48	59	18	41	12	5	7
Oneonta College	36	14	22	33	12	21	3	2	1
Oswego College	45	9	36	41	7	34	4	2	2
Plattsburgh College	31	15	16	26	13	13	5	2	3
Potsdam College	22	3	19	18	3	15	4	-	4
Agriculture College	23	9	14	12	6	6	11	3	8

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TABLE 6
EDUCATIONAL CERTIFICATIONS RECOMMENDED TO THE STATE EDUCATION DEPARTMENT
JULY 1, 1968 THROUGH JUNE 30, 1969
STATE UNIVERSITY OF NEW YORK
(Continued)

Certification area and institution	All certificates			Provisional certificates			Permanent certificates		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
Social Studies (7-12)	875	552	323	695	424	271	180	128	52
Albany Center	125	67	58	70	32	38	55	35	20
Binghamton Center	2	-	2	-	-	-	2	-	2
Buffalo Center	89	49	40	73	36	37	16	13	3
Stony Brook Center	51	29	22	51	29	22	-	-	-
Brockport College	88	69	19	73	57	16	15	12	3
Buffalo College	100	59	41	75	44	31	25	15	10
Cortland College	26	18	8	26	18	8	-	-	-
Fredonia	31	18	13	26	15	11	5	3	2
Geneseo College	46	28	18	39	24	15	7	4	3
New Paltz College	101	72	29	79	52	27	22	20	2
Oneonta College	44	31	13	42	29	13	2	2	-
Oswego College	64	40	24	54	32	22	10	8	2
Plattsburgh College	45	33	12	42	31	11	3	2	1
Potsdam College	40	20	20	32	14	18	8	6	2
Agriculture College	23	19	4	13	11	2	10	8	2
Mathematics (7-12)	520	242	278	394	174	220	126	68	58
Albany Center	97	37	60	64	22	42	33	15	18
Buffalo Center	22	8	14	11	4	7	11	4	7
Stony Brook Center	33	14	19	33	14	19	-	-	-
Brockport College	74	41	33	49	26	23	25	15	10

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TABLE 6
EDUCATIONAL CERTIFICATIONS RECOMMENDED TO THE STATE EDUCATION DEPARTMENT
JULY 1, 1968 THROUGH JUNE 30, 1969
STATE UNIVERSITY OF NEW YORK
(Continued)

Certification area and institution	All certificates			Provisional certificates			Permanent certificates		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
Mathematics (7-12) (Continued)									
Buffalo College	53	19	34	40	13	27	13	6	7
Cortland College	37	14	23	37	14	23	-	-	-
Fredonia College	20	12	8	15	9	6	5	3	2
Geneseo College	29	22	7	26	20	6	3	2	1
New Paltz College	32	18	14	20	8	12	12	10	2
Oneonta College	24	12	12	21	10	11	3	2	1
Oswego College	26	10	16	23	8	15	3	2	1
Plattsburgh College	29	18	11	28	17	11	1	1	-
Potsdam College	32	12	20	23	6	17	9	6	3
Agriculture College	12	5	7	4	3	1	8	2	6
French (7-12)	200	31	169	165	20	145	35	11	24
Albany Center	68	9	59	54	5	49	14	4	10
Buffalo Center	23	6	17	16	5	11	7	1	6
Stony Brook Center	11	-	11	11	-	11	-	-	-
Brockport College	2	-	2	2	-	2	-	-	-
Buffalo College	13	2	11	13	2	11	-	-	-
Cortland College	4	-	4	4	-	4	-	-	-
Fredonia College	14	2	12	14	2	12	-	-	-
Geneseo College	6	-	6	4	-	4	2	-	2
New Paltz College	14	3	11	8	-	8	6	3	3
Oneonta College	2	1	1	2	1	1	-	-	-
Oswego College	17	3	14	17	3	14	-	-	-
Potsdam College	22	4	18	19	2	17	3	2	1
Agriculture College	4	1	3	1	-	1	3	1	2

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TABLE 6
EDUCATIONAL CERTIFICATIONS RECOMMENDED TO THE STATE EDUCATION DEPARTMENT
JULY 1, 1968 THROUGH JUNE 30, 1969
STATE UNIVERSITY OF NEW YORK
(Continued)

Certification area and institution	All certificates			Provisional certificates			Permanent certificates		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
German (7-12)	35	9	26	26	6	20	9	3	6
Albany Center	14	4	10	8	2	6	6	2	4
Buffalo Center	11	3	8	8	2	6	3	1	2
Stony Brook Center	3	1	2	3	1	2	-	-	-
New Paltz College	4	1	3	4	1	3	-	-	-
Oswego College	3	-	3	3	-	3	-	-	-
Latin (7-12)	12	4	8	10	4	6	2	-	2
Albany Center	10	3	7	9	3	6	1	-	1
Buffalo Center	2	1	1	1	1	-	1	-	1
Russian (7-12)	10	1	9	8	1	7	2	-	2
Albany Center	9	1	8	7	1	6	2	-	2
Agriculture College	1	-	1	1	-	1	-	-	-
Spanish (7-12)	120	13	107	109	11	98	11	2	9
Albany Center	41	-	41	34	-	34	7	-	7
Buffalo Center	19	3	16	17	2	15	2	1	1
Stony Brook Center	15	2	13	15	2	13	-	-	-
Brockport College	3	-	3	3	-	3	-	-	-
Buffalo College	7	1	6	7	1	6	-	-	-
Cortland College	1	-	1	1	-	1	-	-	-
Fredonia College	7	2	5	7	2	5	-	-	-
New Paltz College	4	2	2	2	1	1	2	1	1
Oneonta College	2	-	2	2	-	2	-	-	-
Oswego College	16	1	15	16	1	15	-	-	-
Agriculture College	5	2	3	5	2	3	-	-	-

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TABLE 6
EDUCATIONAL CERTIFICATIONS RECOMMENDED TO THE STATE EDUCATION DEPARTMENT
JULY 1, 1968 THROUGH JUNE 30, 1969
STATE UNIVERSITY OF NEW YORK
(Continued)

Certification area and institution	All certificates			Provisional certificates			Permanent certificates		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
Biology (7-12)	249	138	111	196	108	88	53	30	23
Albany Center	29	14	15	19	9	10	10	5	5
Buffalo Center	5	2	3	2	-	2	3	2	1
Stony Brook Center	7	4	3	7	4	3	-	-	-
Brockport College	35	22	13	32	20	12	3	2	1
Buffalo College	34	11	23	23	7	16	11	4	7
Cortland College	12	8	4	12	8	4	-	-	-
Fredonia College	11	5	6	10	5	5	1	-	1
Geneseo College	12	11	1	8	7	1	4	4	-
New Paltz College	26	18	8	19	13	6	7	5	2
Oneonta College	12	8	4	11	8	3	1	-	1
Oswego College	26	14	12	21	9	12	5	5	-
Plattsburgh College	10	9	1	9	8	1	1	1	-
Potsdam College	7	6	1	6	5	1	1	1	-
Agriculture College	23	6	17	17	5	12	6	1	5
Chemistry (7-12)	74	50	24	49	32	17	25	18	7
Albany Center	5	3	2	3	2	1	2	1	1
Buffalo Center	3	2	1	3	2	1	-	-	-
Brockport College	10	8	2	7	5	2	3	3	-
Buffalo College	10	6	4	7	5	2	3	1	2
Cortland College	2	2	-	2	2	-	-	-	-
Fredonia College	6	5	1	6	5	1	-	-	-

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TABLE 6
EDUCATIONAL CERTIFICATIONS RECOMMENDED TO THE STATE EDUCATION DEPARTMENT
JULY 1, 1968 THROUGH JUNE 30, 1969
STATE UNIVERSITY OF NEW YORK
(Continued)

Certification area and institution	All certificates			Provisional certificates			Permanent certificates		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
Chemistry (7-12) (Continued)									
Geneseo College	3	1	2	1	1	-	2	-	2
New Paltz College	2	-	2	2	-	2	-	-	-
Oneonta College	5	4	1	3	2	1	2	2	-
Oswego College	8	7	1	4	3	1	4	4	-
Plattsburgh College	6	4	2	6	4	2	-	-	-
Potsdam College	7	5	2	2	-	2	5	5	-
Agriculture College	7	3	4	3	1	2	4	2	2
Physics (7-12)	65	51	14	35	30	5	30	21	9
Albany Center	9	5	4	5	3	2	4	2	2
Buffalo Center	3	2	1	3	2	1	-	-	-
Stony Brook Center	1	1	-	1	1	-	-	-	-
Brockport College	4	4	-	4	4	-	-	-	-
Buffalo College	6	6	-	5	5	-	1	1	-
Cortland College	2	2	-	2	2	-	-	-	-
Fredonia College	1	1	-	1	1	-	-	-	-
Geneseo College	11	10	1	4	4	-	7	6	1
New Paltz College	5	4	1	3	2	1	2	2	-
Oswego College	2	2	-	2	2	-	-	-	-
Plattsburgh College	13	9	4	3	3	-	10	6	4
Potsdam College	5	4	1	2	1	1	3	3	-
Agriculture College	3	1	2	-	-	-	3	1	2

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TABLE 6
EDUCATIONAL CERTIFICATIONS RECOMMENDED TO THE STATE EDUCATION DEPARTMENT
JULY 1, 1968 THROUGH JUNE 30, 1969
STATE UNIVERSITY OF NEW YORK
(Continued)

Certification area and institution	All certificates			Provisional certificates			Permanent certificates		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
Earth Science (7-12)	47	31	16	37	24	13	10	7	3
Brockport College	6	2	4	4	1	3	2	1	1
Buffalo College	4	2	2	2	1	1	2	1	1
Cortland College	1	1	-	1	1	-	-	-	-
Fredonia College	5	5	-	5	5	-	-	-	-
New Paltz College	8	6	2	6	4	2	2	2	-
Oneonta College	4	3	1	4	3	1	-	-	-
Oswego College	9	6	3	9	6	3	-	-	-
Potsdam College	2	-	2	2	-	2	-	-	-
Agriculture College	8	6	2	4	3	1	4	3	1
Agriculture	29	29	-	24	24	-	5	5	-
Agriculture College	29	29	-	24	24	-	5	5	-
Art	294	101	193	215	68	147	79	33	46
Buffalo Center	13	5	8	9	3	6	4	2	2
Buffalo College	153	51	102	103	33	70	50	18	32
New Paltz College	128	45	83	103	32	71	25	13	12
Commerce	143	40	103	99	22	77	44	18	26
Albany Center	100	30	70	62	15	47	38	15	23
Buffalo Center	43	10	33	37	7	30	6	3	3
Accounting and Business Practice	31	11	20	17	5	12	14	6	8
Albany Center	31	11	20	17	5	12	14	6	8

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TABLE 6
EDUCATIONAL CERTIFICATIONS RECOMMENDED TO THE STATE EDUCATION DEPARTMENT
JULY 1, 1968 THROUGH JUNE 30, 1969
STATE UNIVERSITY OF NEW YORK
(Continued)

Certification area and institution	All certificates			Provisional certificates			Permanent certificates		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
Health	287	127	160	256	110	146	31	17	14
Buffalo Center	5	-	5	4	-	4	1	-	1
Brockport College	242	122	120	212	105	107	30	17	13
Cortland College	40	5	35	40	5	35	-	-	-
Home Economics	232	-	232	183	-	183	49	-	49
Buffalo College	105	-	105	71	-	71	34	-	34
Oneonta College	68	-	68	66	-	66	2	-	2
Plattsburgh College	33	-	33	24	-	24	9	-	9
Human Ecology College	26	-	26	22	-	22	4	-	4
Library	93	5	88	35	1	34	58	4	54
Albany Center	28	2	26	-	-	-	28	2	26
Buffalo Center	2	-	2	-	-	-	2	-	2
Geneseo College	63	3	60	35	1	34	28	2	26
Music	233	108	125	174	80	94	59	28	31
Binghamton Center	2	1	1	-	-	-	2	1	1
Buffalo Center	16	7	9	9	5	4	7	2	5
Fredonia College	97	55	42	77	43	34	20	12	8
Potsdam College	118	45	73	88	32	56	30	13	17
Physical Education	477	248	229	384	182	202	93	66	27
Buffalo Center	55	34	21	33	15	18	22	19	3
Brockport College	293	162	131	222	115	107	71	47	24
Cortland College	129	52	77	129	52	77	-	-	-

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TABLE 6
EDUCATIONAL CERTIFICATIONS RECOMMENDED TO THE STATE EDUCATION DEPARTMENT
JULY 1, 1968 THROUGH JUNE 30, 1969
STATE UNIVERSITY OF NEW YORK
(Continued)

Certification area and institution	All certificates			Provisional certificates			Permanent certificates		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
Recreation	23	16	7	23	16	7	-	-	-
Cortland College	23	16	7	23	16	7	-	-	-
Speech	48	16	32	44	14	30	4	2	2
Albany Center	7	-	7	7	-	7	-	-	-
Buffalo Center	9	1	8	9	1	8	-	-	-
Fredonia College	9	3	6	9	3	6	-	-	-
Geneseo College	18	9	9	14	7	7	4	2	2
Oneonta College	5	3	2	5	3	2	-	-	-
Industrial Arts	298	296	2	277	275	2	21	21	-
Buffalo College	161	159	2	140	138	2	21	21	-
Oswego College	137	137	-	137	137	-	-	-	-
Trade Shop Subjects	154	122	32	105	81	24	49	41	8
Oswego College	154	122	32	105	81	24	49	41	8
Related Trade Subjects	1	1	-	-	-	-	1	1	-
Oswego College	1	1	-	-	-	-	1	1	-
School Nurse Teacher	17	-	17	13	-	13	4	-	4
Oneonta College	17	-	17	13	-	13	4	-	4
School Dental Hygiene Teacher	40	-	40	-	-	-	40	-	40
Brockport College	40	-	40	-	-	-	40	-	40

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TABLE 6
EDUCATIONAL CERTIFICATIONS RECOMMENDED TO THE STATE EDUCATION DEPARTMENT
JULY 1, 1968 THROUGH JUNE 30, 1969
STATE UNIVERSITY OF NEW YORK
(Continued)

Certification area and institution	All certificates			Provisional certificates			Permanent certificates		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
School Psychologist	6	4	2	-	-	-	6	4	2
Albany Center	5	3	2	-	-	-	5	3	2
Plattsburgh College	1	1	-	-	-	-	1	1	-
Guidance	170	112	58	38	25	13	132	87	45
Albany Center	17	7	10	6	2	4	11	5	6
Oneonta College	47	31	16	-	-	-	47	31	16
Oswego College	76	54	22	20	15	5	56	39	17
Plattsburgh College	25	17	8	8	6	2	17	11	6
Agriculture College	5	3	2	4	2	2	1	1	-
Other areas	14	13	1	9	8	1	5	5	-
Buffalo Center	1	-	1	1	-	1	-	-	-
Oswego College	13	13	-	8	8	-	5	5	-

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1969-1970 DETAILED TABLES

Institutional Summary

Institution and Certificate Area

Certificate Area Summary

Certificate Area and Institution

TABLE 7
EDUCATIONAL CERTIFICATIONS RECOMMENDED TO THE STATE EDUCATION DEPARTMENT
STATE UNIVERSITY OF NEW YORK
JULY 1, 1969 THROUGH JUNE 30, 1970

Institution	All certificates recommended			Provisional certificates			Permanent certificates		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
State University total	9,794	3,303	6,490	8,248	2,613	5,635	1,546	691	855
University Centers	1,643	507	1,136	1,269	381	888	374	126	248
Albany	755	208	547	500	130	370	255	78	177
Binghamton	22	7	15	-	-	-	22	7	15
Buffalo	526	202	324	429	161	268	97	41	56
Stony Brook	340	90	250	340	90	250	-	-	-
University Colleges	7,994	2,708	5,286	6,876	2,171	4,705	1,118	537	581
Brockport	1,307	528	779	1,079	417	662	228	111	117
Buffalo	1,202	365	837	1,202	365	837	-	-	-
Cortland	837	234	603	701	158	543	136	76	60
Fredonia	503	157	346	425	127	298	78	30	48
Geneseo	754	251	503	583	191	392	171	60	111
New Paltz	729	257	472	585	182	403	144	75	69
Oneonta	855	186	669	760	149	611	95	37	58
Oswego	864	434	430	791	381	410	73	53	20
Plattsburgh	460	184	276	361	129	232	99	55	44
Potsdam	483	112	371	389	72	317	94	40	54
Statutory Colleges	157	89	68	103	61	42	54	28	26
Agriculture	132	89	43	81	61	20	51	28	23
Human Ecology	25	-	25	22	-	22	3	-	3

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TABLE 8
EDUCATIONAL CERTIFICATIONS RECOMMENDED TO THE STATE EDUCATION DEPARTMENT
JULY 1, 1969 THROUGH JUNE 30, 1970
STATE UNIVERSITY OF NEW YORK

Institution and certificate area	All certificates recommended	Provisional certificates	Permanent certificates
State University total	9,794	8,248	1,546
University Centers	1,643	1,269	374
Albany	755	500	255
School District Administrator	21	-	21
Elementary Teacher, N-6 and Reading	14	-	14
Speech and Hearing Handicapped	26	20	6
English (7-12)	155	119	36
Social Studies (7-12)	122	88	34
Mathematics (7-12)	92	68	24
French (7-12)	44	33	11
German (7-12)	6	2	4
Italian (7-12)	4	4	-
Latin (7-12)	11	8	3
Russian (7-12)	7	7	-
Spanish (7-12)	42	37	5
Biology (7-12)	16	15	1
Chemistry (7-12)	9	6	3
Physics (7-12)	5	4	1
Earth Science (7-12)	3	3	-
Accounting and Business Practice	39	36	3
Commerce	68	39	29
Commerce and Distributive Occupation Subjects	7	-	7
Library	30	-	30
Speech	7	5	2
School Psychologist	10	-	10
Guidance	17	6	11
Binghamton	22	-	22
English (7-12)	8	-	8
Social Studies (7-12)	3	-	3
French (7-12)	2	-	2
Spanish (7-12)	2	-	2

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TABLE 8
EDUCATIONAL CERTIFICATIONS RECOMMENDED TO THE STATE EDUCATION DEPARTMENT
JULY 1, 1969 THROUGH JUNE 30, 1970
STATE UNIVERSITY OF NEW YORK
(Continued)

Institution and certificate area	All certificates recommended	Provisional certificates	Permanent certificates
Binghamton (continued)			
Biology (7-12)	3	-	3
Earth Science (7-12)	2	-	2
Music	2	-	2
Buffalo	526	429	97
School District Administrator	12	-	12
School Administrator and Supervisor	3	-	3
Secondary Principal	2	-	2
Vocational Principal	1	-	1
Elementary Supervisor	1	-	1
Elementary Teacher, N-6	59	46	13
Speech and Hearing Handicapped	2	2	-
English (7-12)	60	54	6
Social Studies (7-12)	98	88	10
Mathematics (7-12)	33	28	5
French (7-12)	25	22	3
German (7-12)	6	4	2
Latin (7-12)	2	1	1
Spanish (7-12)	17	15	2
Biology (7-12)	5	4	1
Chemistry (7-12)	8	7	1
Physics (7-12)	4	3	1
Earth Science (7-12)	3	2	1
Art	16	16	-
Commerce	73	71	2
Health	1	-	1
Library	11	-	11
Music	11	6	5
Physical Education	45	44	1
Speech	2	2	-
Guidance	19	11	8
Other	7	3	4

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TABLE 8
EDUCATIONAL CERTIFICATIONS RECOMMENDED TO THE STATE EDUCATION DEPARTMENT
JULY 1, 1969 THROUGH JUNE 30, 1970
STATE UNIVERSITY OF NEW YORK
(Continued)

Institution and certificate area	All certificates recommended	Provisional certificates	Permanent certificates
Stony Brook	340	340	-
Elementary Teacher, N-6	140	140	-
English (7-12)	53	53	-
Social Studies (7-12)	59	59	-
Mathematics (7-12)	29	29	-
French (7-12)	8	8	-
German (7-12)	4	4	-
Russian (7-12)	2	2	-
Spanish (7-12)	13	13	-
Biology (7-12)	19	19	-
Chemistry (7-12)	1	1	-
Physics (7-12)	5	5	-
Other	7	7	-
University Colleges	7,994	6,876	1,118
Brockport	1,307	1,079	228
School Administrator and Supervisor	22	-	22
Elementary Teacher, N-6	411	366	45
Elementary Teacher, N-6 and English (7-9)	23	22	1
Elementary Teacher, N-6 and Social Studies (7-9)	50	44	6
Elementary Teacher, N-6 and Mathematics (7-9)	40	33	7
Elementary Teacher, N-6 and General Science (7-9)	17	17	-
English (7-12)	42	31	11
Social Studies (7-12)	79	63	16
Mathematics (7-12)	59	43	16
French (7-12)	2	2	-
Spanish (7-12)	3	3	-
Biology (7-12)	36	29	7
Chemistry (7-12)	11	6	5
Physics (7-12)	5	4	1
Earth Science (7-12)	6	4	2
Health	217	199	18

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TABLE 8
EDUCATIONAL CERTIFICATIONS RECOMMENDED TO THE STATE EDUCATION DEPARTMENT
JULY 1, 1969 THROUGH JUNE 30, 1970
STATE UNIVERSITY OF NEW YORK
(Continued)

Institution and certificate area	All certificates recommended	Provisional certificates	Permanent certificates
Brockport (continued)			
Physical Education	238	212	26
Recreation	1	1	-
School Dental Hygiene Teacher	34	-	34
Guidance	1	-	1
Director of Health, Physical Education, and Recreation	9	-	9
Other	1	-	1
Buffalo	1,202	1,202	-
Elementary Teacher, N-6	477	477	-
Elementary Teacher, N-6 and English (7-9)	10	10	-
Elementary Teacher, N-6 and Social Studies (7-9)	5	5	-
Elementary Teacher, N-6 and Mathematics (7-9)	7	7	-
Elementary Teacher, N-6 and General Science (7-9)	1	1	-
Mentally Retarded	99	99	-
Physically Handicapped-Orthopedic	20	20	-
Physically Handicapped-Deaf	6	6	-
Speech and Hearing Handicapped	31	31	-
English (7-12)	62	62	-
Social Studies (7-12)	69	69	-
Mathematics (7-12)	26	26	-
French (7-12)	6	6	-
Spanish (7-12)	9	9	-
Biology (7-12)	16	16	-
Chemistry (7-12)	7	7	-
Physics (7-12)	1	1	-
Earth Science	8	8	-
Art	118	118	-
Home Economics	86	86	-
Industrial Arts	138	138	-

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TABLE 8
EDUCATIONAL CERTIFICATIONS RECOMMENDED TO THE STATE EDUCATION DEPARTMENT
JULY 1, 1969 THROUGH JUNE 30, 1970
STATE UNIVERSITY OF NEW YORK
(Continued)

Institution and certificate area	All certificates recommended	Provisional certificates	Permanent certificates
Cortland	837	701	136
Elementary Teacher, N-6	284	248	36
Elementary Teacher, N-6 and English (7-9)	14	14	-
Elementary Teacher, N-6 and Social Studies (7-9)	22	22	-
Elementary Teacher, N-6 and Mathematics (7-9)	31	31	-
Elementary Teacher, N-6 and General Science (7-9)	9	9	-
English (7-12)	50	45	5
Social Studies (7-12)	82	48	34
Mathematics (7-12)	30	24	6
French (7-12)	19	17	2
Spanish (7-12)	8	8	-
Biology (7-12)	16	8	8
Chemistry (7-12)	8	6	2
Physics (7-12)	2	-	2
Earth Science (7-12)	4	2	2
Health	50	41	9
Physical Education	187	160	27
Recreation	18	16	2
Speech	3	2	1
Fredonia	503	425	78
Elementary Teacher, N-6	218	199	19
Elementary Teacher, N-6 and English (7-9)	10	10	-
Elementary Teacher, N-6 and Social Studies (7-9)	7	7	-
Elementary Teacher, N-6 and French (7-9)	3	3	-
Elementary Teacher, N-6 and Spanish (7-9)	2	2	-
Elementary Teacher, N-6 and Mathematics (7-9)	2	2	-

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TABLE 8
EDUCATIONAL CERTIFICATIONS RECOMMENDED TO THE STATE EDUCATION DEPARTMENT
JULY 1, 1969 THROUGH JUNE 30, 1970
STATE UNIVERSITY OF NEW YORK
(Continued)

Institution and certificate area	All certificates recommended	Provisional certificates	Permanent certificates
Fredonia (continued)			
Elementary Teacher, N-6 and General Science (7-9)	4	4	-
Speech and Hearing Handicapped	26	22	4
English (7-12)	40	27	13
Social Studies (7-12)	20	15	5
Mathematics (7-12)	22	18	4
French (7-12)	9	9	-
Spanish (7-12)	7	7	-
Biology (7-12)	16	14	2
Chemistry (7-12)	4	3	1
Physics (7-12)	2	2	-
Earth Science (7-12)	1	1	-
Music	108	78	30
Speech	2	2	-
Geneseo	754	583	171
School Administrator and Supervisor	55	23	32
Elementary Teacher, N-6	272	225	47
Elementary Teacher, N-6 and English (7-9)	15	14	1
Elementary Teacher, N-6 and Social Studies (7-9)	32	30	2
Elementary Teacher, N-6 and French (7-9)	7	7	-
Elementary Teacher, N-6 and Spanish (7-9)	1	-	1
Elementary Teacher, N-6 and Mathematics (7-9)	11	10	1
Elementary Teacher, N-6 and General Science (7-9)	6	6	-
Mentally Retarded	58	53	5
Physically Handicapped-Deaf	1	-	1
Speech and Hearing Handicapped	61	53	8
English (7-12)	25	19	6

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TABLE 8
EDUCATIONAL CERTIFICATIONS RECOMMENDED TO THE STATE EDUCATION DEPARTMENT
JULY 1, 1969 THROUGH JUNE 30, 1970
STATE UNIVERSITY OF NEW YORK
(Continued)

Institution and certificate area	All certificates recommended	Provisional certificates	Permanent certificates
Geneseo (continued)			
Social Studies (7-12)	43	37	6
Mathematics (7-12)	35	27	8
French (7-12)	2	1	1
Spanish (7-12)	10	10	-
Biology (7-12)	24	19	5
Chemistry (7-12)	1	-	1
Physics (7-12)	8	3	5
Earth Science	3	3	-
Library	71	33	38
Speech	13	10	3
New Paltz	729	585	144
Elementary School Principal	10	3	7
Elementary Supervisor	30	13	17
Elementary Teacher, N-6	295	259	36
Elementary Teacher, N-6 and English (7-9)	7	7	-
Elementary Teacher, N-6 and Social Studies (7-9)	11	9	2
Elementary Teacher, N-6 and Mathematics (7-9)	8	8	-
Elementary Teacher, N-6 and General Science (7-9)	5	4	1
English (7-12)	61	45	16
Social Studies (7-12)	94	70	24
Mathematics (7-12)	31	27	4
French (7-12)	19	15	4
German (7-12)	2	2	-
Spanish (7-12)	13	9	4
Biology (7-12)	15	7	8
Chemistry (7-12)	1	1	-
Physics (7-12)	1	1	-
Earth Science (7-12)	5	3	2
Art	121	102	19

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TABLE 8
EDUCATIONAL CERTIFICATIONS RECOMMENDED TO THE STATE EDUCATION DEPARTMENT
JULY 1, 1969 THROUGH JUNE 30, 1970
STATE UNIVERSITY OF NEW YORK
(Continued)

Institution and certificate area	All certificates recommended	Provisional certificates	Permanent certificates
Oneonta	855	760	95
Elementary Teacher, N-6	416	411	5
Elementary Teacher, N-6 and English (7-9)	23	23	-
Elementary Teacher, N-6 and Social Studies (7-9)	21	21	-
Elementary Teacher, N-6 and French (7-9)	1	1	-
Elementary Teacher, N-6 and Spanish (7-9)	1	1	-
Elementary Teacher, N-6 and Mathematics (7-9)	45	44	1
Elementary Teacher, N-6 and General Science (7-9)	31	30	1
English (7-12)	70	69	1
Social Studies (7-12)	50	47	3
Mathematics (7-12)	22	21	1
French (7-12)	2	2	-
German (7-12)	2	2	-
Spanish (7-12)	5	5	-
Biology (7-12)	12	7	5
Chemistry (7-12)	5	5	-
Physics (7-12)	1	1	-
Earth Science (7-12)	2	2	-
Home Economics	68	62	6
Speech	8	6	2
School Nurse Teacher	19	-	19
Guidance	34	-	34
Special Fifth Year:			
Elementary Teacher, N-6	12	-	12
Mathematics (7-12)	1	-	1
Social Studies (7-12)	4	-	4
Oswego	864	791	73
School Administrator and Supervisor	17	10	7
Elementary Teacher, N-6	378	367	11

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TABLE 8
EDUCATIONAL CERTIFICATIONS RECOMMENDED TO THE STATE EDUCATION DEPARTMENT
JULY 1, 1969 THROUGH JUNE 30, 1970
STATE UNIVERSITY OF NEW YORK
(Continued)

Institution and certificate area	All certificates recommended	Provisional certificates	Permanent certificates
Oswego (continued)			
Elementary Teacher, N-6 and English (7-9)	6	6	-
Elementary Teacher, N-6 and Social Studies (7-9)	6	6	-
Elementary Teacher, N-6 and Mathematics (7-9)	6	6	-
Elementary Teacher, N-6 and General Science (7-9)	8	8	-
English (7-12)	39	36	3
Social Studies (7-12)	39	33	6
Mathematics (7-12)	10	9	1
French (7-12)	19	19	-
Spanish (7-12)	12	12	-
Biology (7-12)	30	25	5
Chemistry (7-12)	4	4	-
Physics (7-12)	2	2	-
Earth Science (7-12)	7	6	1
Speech	1	1	-
Industrial Arts	178	178	-
Trade Shop Subjects	91	57	34
Guidance	5	1	4
Other	6	5	1
Plattsburgh	460	361	99
School Administrator and Supervisor	22	1	21
Elementary Teacher, N-6	166	148	18
Elementary Teacher, N-6 and English (7-9)	5	5	-
Elementary Teacher, N-6 and Social Studies (7-9)	14	14	-
Elementary Teacher, N-6 and Mathematics (7-9)	8	8	-
Elementary Teacher, N-6 and General Science (7-9)	6	6	-

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TABLE 8
EDUCATIONAL CERTIFICATIONS RECOMMENDED TO THE STATE EDUCATION DEPARTMENT
JULY 1, 1969 THROUGH JUNE 30, 1970
STATE UNIVERSITY OF NEW YORK
(Continued)

Institution and certificate area	All certificates recommended	Provisional certificates	Permanent certificates
Plattsburgh (continued)			
English (7-12)	31	26	5
Social Studies (7-12)	45	31	14
Mathematics (7-12)	27	27	-
Biology (7-12)	18	15	3
Chemistry (7-12)	4	4	-
Physics (7-12)	1	1	-
Earth Science (7-12)	1	1	-
Home Economics	56	41	15
School Nurse Teacher	1	-	1
School Psychologist	8	6	2
Guidance	47	27	20
Potsdam	483	389	94
School Administrator and Supervisor	3	-	3
Elementary Principal	2	-	2
Elementary Teacher, N-6	202	186	16
Elementary Teacher, N-6 and English (7-9)	16	13	3
Elementary Teacher, N-6 and Social Studies (7-9)	13	12	1
Elementary Teacher, N-6 and Mathematics (7-9)	6	5	1
Elementary Teacher, N-6 and General Science (7-9)	5	4	1
English (7-12)	31	26	5
Social Studies (7-12)	41	25	16
Mathematics (7-12)	18	15	3
French (7-12)	25	16	9
Spanish (7-12)	6	5	1
Biology (7-12)	4	2	2
Chemistry (7-12)	2	1	1
Physics (7-12)	3	-	3
Earth Science (7-12)	2	1	1
Music	104	78	26

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TABLE 8
EDUCATIONAL CERTIFICATIONS RECOMMENDED TO THE STATE EDUCATION DEPARTMENT
JULY 1, 1969 THROUGH JUNE 30, 1970
STATE UNIVERSITY OF NEW YORK
(Continued)

Institution and certificate area	All certificates recommended	Provisional certificates	Permanent certificates
Statutory Colleges	157	103	54
Agriculture	132	81	51
School Administrator and Supervisor	2	-	2
Superintendent	1	-	1
Secondary Principal	6	4	2
Elementary Principal	4	-	4
English (7-12)	20	12	8
Social Studies (7-12)	19	13	6
Mathematics (7-12)	9	3	6
French (7-12)	2	1	1
Spanish (7-12)	2	1	1
Biology (7-12)	17	9	8
Chemistry (7-12)	9	4	5
Earth Science (7-12)	8	5	3
Agriculture	28	25	3
Guidance	5	4	1
Human Ecology	25	22	3
Home Economics	25	22	3

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TABLE 9
EDUCATIONAL CERTIFICATIONS RECOMMENDED TO THE STATE EDUCATION DEPARTMENT
JULY 1, 1969 THROUGH JUNE 30, 1970
STATE UNIVERSITY OF NEW YORK

Certification area	All certificates recommended	Provisional certificates	Permanent certificates
All areas	9,794	8,248	1,546
School District Administrator	33	-	33
School Administration and Supervision	124	34	90
Superintendent	1	-	1
Secondary Principal	8	4	4
Vocational Principal	1	-	1
Elementary Principal	16	3	13
Director of Health, Physical Education, and Recreation	9	-	9
Elementary Supervisor	31	13	18
Elementary Teacher, N-6	3,318	3,072	246
Elementary Teacher, N-6 and English (7-9)	129	124	5
Elementary Teacher, N-6 and Social Studies (7-9)	181	170	11
Elementary Teacher, N-6 and French (7-9)	11	11	-
Elementary Teacher, N-6 and Spanish (7-9)	4	3	1
Elementary Teacher, N-6 and Mathematics (7-9)	164	154	10
Elementary Teacher, N-6 and General Science	92	89	3
Elementary N-9 (Reading)	14	-	14
Mentally Retarded	157	152	5
Physically Handicapped-Orthopedic	20	20	-
Physically Handicapped-Deaf	7	6	1
Speech and Hearing Handicapped	146	128	18
English (7-12)	747	624	123
Social Studies (7-12)	863	686	177
Mathematics (7-12)	443	365	78

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TABLE 9
EDUCATIONAL CERTIFICATIONS RECOMMENDED TO THE STATE EDUCATION DEPARTMENT
JULY 1, 1969 THROUGH JUNE 30, 1970
STATE UNIVERSITY OF NEW YORK
(Continued)

Certification area	All certificates recommended	Provisional certificates	Permanent certificates
French (7-12)	184	151	33
German (7-12)	20	14	6
Italian (7-12)	4	4	-
Latin (7-12)	13	9	4
Russian (7-12)	9	9	-
Spanish (7-12)	149	134	15
Biology (7-12)	247	189	58
Chemistry (7-12)	74	55	19
Physics (7-12)	40	27	13
Earth Science (7-12)	55	41	14
Agriculture	28	25	3
Art	255	236	19
Accounting and Business Practice	39	36	3
Commerce	141	110	31
Commerce and Distributive Subjects	7	-	7
Health	268	240	28
Home Economics	235	211	24
Library	112	33	79
Music	225	162	63
Physical Education	470	416	54
Recreation	19	17	2
Speech	36	28	8
Industrial Arts	316	316	-
Trade Shop Subjects	91	57	34
School Nurse Teacher	20	-	20
School Dental Hygiene Teacher	34	-	34
School Psychologist	18	6	12
Guidance	128	49	79
Special 5th year:			
Elementary Teacher, N-6	12	-	12
Mathematics (7-12)	1	-	1
Social Studies (7-12)	4	-	4
Other areas	21	15	6

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TABLE 10
EDUCATIONAL CERTIFICATIONS RECOMMENDED TO THE STATE EDUCATION DEPARTMENT
JULY 1, 1969 THROUGH JUNE 30, 1970
STATE UNIVERSITY OF NEW YORK

Certification area and institution	All certificates			Provisional certificates			Permanent certificates		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
State University total	9,794	3,304	6,490	8,248	2,613	5,635	1,546	691	855
School District Administrator	33	31	2	-	-	-	33	31	2
Albany Center	21	20	1	-	-	-	21	20	1
Buffalo Center	12	11	1	-	-	-	12	11	1
School Administrator and Supervisor	124	97	27	34	26	8	90	71	19
Buffalo Center	3	3	-	-	-	-	3	3	-
Brockport College	22	18	4	-	-	-	22	18	4
Geneseo College	55	37	18	23	15	8	32	22	10
Oswego College	17	17	-	10	10	-	7	7	-
Plattsburgh College	22	20	2	1	1	-	21	19	2
Potsdam College	3	-	3	-	-	-	3	-	3
Agriculture College	2	2	-	-	-	-	2	2	-
Superintendent	1	1	-	-	-	-	1	1	-
Agriculture College	1	1	-	-	-	-	1	1	-
Secondary Principal	8	8	-	4	4	-	4	4	-
Buffalo Center	2	2	-	-	-	-	2	2	-
Agriculture College	6	6	-	4	4	-	2	2	-
Vocational Principal	1	1	-	-	-	-	1	1	-
Buffalo Center	1	1	-	-	-	-	1	1	-

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TABLE 10
EDUCATIONAL CERTIFICATIONS RECOMMENDED TO THE STATE EDUCATION DEPARTMENT
JULY 1, 1969 THROUGH JUNE 30, 1970
STATE UNIVERSITY OF NEW YORK
(Continued)

Certification area and institution	All certificates			Provisional certificates			Permanent certificates		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
Elementary Principal	16	8	8	3	2	1	13	6	7
New Paltz College	10	5	5	3	2	1	7	3	4
Potsdam College	2	1	1	-	-	-	2	1	1
Agriculture College	4	2	2	-	-	-	4	2	2
Director of Health, Physical Education, and Recreation	9	8	1	-	-	-	9	8	1
Brockport College	9	8	1	-	-	-	9	8	1
Elementary Supervisor	31	25	6	13	11	2	18	14	4
Buffalo Center	1	-	1	-	-	-	1	-	1
New Paltz College	30	25	5	13	11	2	17	14	3
Elementary Teacher N-6	3,318	410	2,908	3,072	353	2,719	246	57	189
Buffalo Center	59	4	55	46	-	46	13	4	9
Stony Brook Center	140	11	129	140	11	129	-	-	-
Brockport College	411	56	355	366	41	325	45	15	30
Buffalo College	477	72	405	477	72	405	-	-	-
Cortland College	284	18	266	248	8	240	36	10	26
Fredonia College	218	31	187	199	28	171	19	3	16
Geneseo College	272	42	230	225	31	194	47	11	36
New Paltz College	295	44	251	259	35	224	36	9	27
Oneonta College	416	28	388	411	28	383	5	-	5
Oswego College	378	64	314	367	63	304	11	1	10
Plattsburgh College	166	35	131	148	31	117	18	4	14
Potsdam College	202	5	197	186	5	181	16	-	16

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TABLE 10
EDUCATIONAL CERTIFICATIONS RECOMMENDED TO THE STATE EDUCATION DEPARTMENT
JULY 1, 1969 THROUGH JUNE 30, 1970
STATE UNIVERSITY OF NEW YORK
(Continued)

Certification area and institution	All certificates			Provisional certificates			Permanent certificates		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
Elementary Teacher, N-6, and English (7-9)	129	17	112	124	16	108	5	1	4
Brockport College	23	6	17	22	5	17	1	1	-
Buffalo College	10	1	9	10	1	9	-	-	-
Cortland College	14	-	14	14	-	14	-	-	-
Fredonia College	10	-	10	10	-	10	-	-	-
Geneseo College	15	3	12	14	3	11	1	-	1
New Paltz College	7	1	6	7	1	6	-	-	-
Oneonta College	23	2	21	23	2	21	-	-	-
Oswego College	6	-	6	6	-	6	-	-	-
Plattsburgh College	5	2	3	5	2	3	-	-	-
Potsdam College	16	2	14	13	2	11	3	-	3
Elementary Teacher, N-6, and Social Studies (7-9)	181	100	81	170	93	77	11	7	4
Brockport College	50	31	19	44	28	16	6	3	3
Buffalo College	5	2	3	5	2	3	-	-	-
Cortland College	22	9	13	22	9	13	-	-	-
Fredonia College	7	2	5	7	2	5	-	-	-
Geneseo College	32	23	9	30	21	9	2	2	-
New Paltz College	11	7	4	9	5	4	2	2	-
Oneonta College	21	12	9	21	12	9	-	-	-
Oswego College	6	2	4	6	2	4	-	-	-
Plattsburgh College	14	10	4	14	10	4	-	-	-
Potsdam College	13	2	11	12	2	10	1	-	1

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TABLE 10
EDUCATIONAL CERTIFICATIONS RECOMMENDED TO THE STATE EDUCATION DEPARTMENT
JULY 1, 1969 THROUGH JUNE 30, 1970
STATE UNIVERSITY OF NEW YORK
(Continued)

Certification area and institution	All certificates			Provisional certificates			Permanent certificates		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
Elementary Teacher, N-6, and French (7-9)	11	2	9	11	2	9	-	-	-
Fredonia College	3	-	3	3	-	3	-	-	-
Geneseo College	7	2	5	7	2	5	-	-	-
Oneonta College	1	-	1	1	-	1	-	-	-
Elementary Teacher, N-6, and Spanish (7-9)	4	3	1	3	2	1	1	1	-
Fredonia College	2	2	-	2	2	-	-	-	-
Geneseo College	1	1	-	-	-	-	1	1	-
Oneonta College	1	-	1	1	-	1	-	-	-
Elementary Teacher, N-6, and Mathematics (7-9)	164	53	111	154	48	106	10	5	5
Brockport College	40	21	19	33	17	16	7	4	3
Buffalo College	7	2	5	7	2	5	-	-	-
Cortland College	31	7	24	31	7	24	-	-	-
Fredonia College	2	-	2	2	-	2	-	-	-
Geneseo College	11	3	8	10	3	7	1	-	1
New Paltz College	8	3	5	8	3	5	-	-	-
Oneonta College	45	12	33	44	12	32	1	-	1
Oswego College	6	1	5	6	1	5	-	-	-
Plattsburgh College	8	2	6	8	2	6	-	-	-
Potsdam College	6	2	4	5	1	4	1	1	-

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TABLE 10
EDUCATIONAL CERTIFICATIONS RECOMMENDED TO THE STATE EDUCATION DEPARTMENT
JULY 1, 1969 THROUGH JUNE 30, 1970
STATE UNIVERSITY OF NEW YORK
(Continued)

Certification area and institution	All certificates			Provisional certificates			Permanent certificates		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
Elementary Teacher, N-6, and General Science (7-9)	92	53	39	89	50	39	3	3	-
Brockport College	17	10	7	17	10	7	-	-	-
Buffalo College	1	-	1	1	-	1	-	-	-
Cortland College	9	5	4	9	5	4	-	-	-
Fredonia College	4	3	1	4	3	1	-	-	-
Geneseo College	6	3	3	6	3	3	-	-	-
New Paltz College	5	2	3	4	1	3	1	1	-
Oneonta College	31	21	10	30	20	10	1	1	-
Oswego College	8	3	5	8	3	5	-	-	-
Plattsburgh College	6	2	4	6	2	4	-	-	-
Potsdam College	5	4	1	4	3	1	1	1	-
Elementary, N-9 (Reading)	14	1	13	-	-	-	14	1	13
Albany Center	14	1	13	-	-	-	14	1	13
Mentally Retarded	157	30	127	152	29	123	5	1	4
Buffalo College	99	19	80	99	19	80	-	-	-
Geneseo College	58	11	47	53	10	43	5	1	4
Physically Handicapped-Orthopedic	20	4	16	20	4	16	-	-	-
Buffalo College	20	4	16	20	4	16	-	-	-
Physically Handicapped-Deaf	7	3	4	6	2	4	1	1	-
Buffalo College	6	2	4	6	2	4	-	-	-
Geneseo College	1	1	-	-	-	-	1	1	-

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TABLE 10
EDUCATIONAL CERTIFICATIONS RECOMMENDED TO THE STATE EDUCATION DEPARTMENT
JULY 1, 1969 THROUGH JUNE 30, 1970
STATE UNIVERSITY OF NEW YORK
(Continued)

Certification area and institution	All certificates			Provisional certificates			Permanent certificates		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
Speech and Hearing Handicapped	146	22	124	128	20	108	18	2	16
Albany Center	26	-	26	20	-	20	6	-	6
Buffalo Center	2	1	1	2	1	1	-	-	-
Buffalo College	31	3	28	31	3	28	-	-	-
Fredonia College	26	5	21	22	4	18	4	1	3
Geneseo College	61	13	48	53	12	41	8	1	7
English (7-12)	747	187	560	624	159	465	123	28	95
Albany Center	155	26	129	119	23	96	36	3	33
Binghamton Center	8	1	7	-	-	-	8	1	7
Buffalo Center	60	13	47	54	12	42	6	1	5
Stony Brook Center	53	8	45	53	8	45	-	-	-
Brockport College	42	7	35	31	5	26	11	2	9
Buffalo College	62	15	47	62	15	47	-	-	-
Cortland College	50	15	35	45	10	35	5	5	-
Fredonia College	40	8	32	27	5	22	13	3	10
Geneseo College	25	18	7	19	15	4	6	3	3
New Paltz College	61	20	41	45	15	30	16	5	11
Oneonta College	70	23	47	69	22	47	1	1	-
Oswego College	39	8	31	36	7	29	3	1	2
Plattsburgh College	31	11	20	26	9	17	5	2	3
Potsdam College	31	7	24	26	7	19	5	-	5
Agriculture College	20	7	13	12	6	6	8	1	7

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TABLE 10

EDUCATIONAL CERTIFICATIONS RECOMMENDED TO THE STATE EDUCATION DEPARTMENT
JULY 1, 1969 THROUGH JUNE 30, 1970
STATE UNIVERSITY OF NEW YORK
(Continued)

Certification area and institution	All certificates			Provisional certificates			Permanent certificates		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
Social Studies (7-12)	863	552	311	686	435	251	177	117	60
Albany Center	122	56	66	88	40	48	34	16	18
Binghamton Center	3	2	1	-	-	-	3	2	1
Buffalo Center	98	57	41	88	55	33	10	2	8
Stony Brook Center	59	28	31	59	28	31	-	-	-
Brockport College	79	62	17	63	51	12	16	11	5
Buffalo College	69	38	31	69	38	31	-	-	-
Cortland College	82	57	25	48	30	18	34	27	7
Fredonia College	20	9	11	15	8	7	5	1	4
Geneseo College	43	28	15	37	24	13	6	4	2
New Paltz College	94	71	23	70	51	19	24	20	4
Oneonta College	50	32	18	47	30	17	3	2	1
Oswego College	39	31	8	33	27	6	6	4	2
Plattsburgh College	45	39	6	31	25	6	14	14	-
Potsdam College	41	27	14	25	16	9	16	11	5
Agriculture College	19	15	4	13	12	1	6	3	3
Mathematics (7-12)	443	193	250	365	156	209	78	37	41
Albany Center	92	22	70	68	15	53	24	7	17
Buffalo Center	33	9	24	28	9	19	5	-	5
Stony Brook Center	29	19	10	29	19	10	-	-	-
Brockport College	59	33	26	43	22	21	16	11	5
Buffalo College	26	9	17	26	9	17	-	-	-
Cortland College	30	10	20	24	6	18	6	4	2
Fredonia College	22	15	7	18	11	7	4	4	-

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TABLE 10
EDUCATIONAL CERTIFICATIONS RECOMMENDED TO THE STATE EDUCATION DEPARTMENT
JULY 1, 1969 THROUGH JUNE 30, 1970
STATE UNIVERSITY OF NEW YORK
(Continued)

Certification area and institution	All certificates			Provisional certificates			Permanent certificates		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
Mathematics (7-12) (Continued)									
Geneseo College	35	21	14	27	18	9	8	3	5
New Paltz College	31	15	16	27	13	14	4	2	2
Oneonta College	22	10	12	21	9	12	1	1	-
Oswego College	10	5	5	9	5	4	1	-	1
Plattsburgh College	27	12	15	27	12	15	-	-	-
Potsdam College	18	9	9	15	6	9	3	3	-
Agriculture College	9	4	5	3	2	1	6	2	4
French (7-12)	184	25	159	151	22	129	33	3	30
Albany Center	44	4	40	33	4	29	11	-	11
Binghamton Center	2	-	2	-	-	-	2	-	2
Buffalo Center	25	3	22	22	3	19	3	-	3
Stony Brook Center	8	2	6	8	2	6	-	-	-
Brockport College	2	-	2	2	-	2	-	-	-
Buffalo College	6	-	6	6	-	6	-	-	-
Cortland College	19	3	16	17	3	14	2	-	2
Fredonia College	9	2	7	9	2	7	-	-	-
Geneseo College	2	-	2	1	-	1	1	-	1
New Paltz College	19	1	18	15	-	15	4	1	3
Oneonta College	2	1	1	2	1	1	-	-	-
Oswego College	19	5	14	19	5	14	-	-	-
Potsdam College	25	4	21	16	2	14	9	2	7
Agriculture College	2	-	2	1	-	1	1	-	1

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TABLE 10
EDUCATIONAL CERTIFICATIONS RECOMMENDED TO THE STATE EDUCATION DEPARTMENT
JULY 1, 1969 THROUGH JUNE 30, 1970
STATE UNIVERSITY OF NEW YORK
(Continued)

Certification area and institution	All certificates			Provisional certificates			Permanent certificates		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
German (7-12)	20	2	18	14	2	12	6	-	6
Albany Center	6	-	6	2	-	2	4	-	4
Buffalo Center	6	-	6	4	-	4	2	-	2
Stony Brook Center	4	1	3	4	1	3	-	-	-
New Paltz College	2	1	1	2	1	1	-	-	-
Oneonta College	2	-	2	2	-	2	-	-	-
Italian (7-12)	4	1	3	4	1	3	-	-	-
Albany Center	4	1	3	4	1	3	-	-	-
Latin (7-12)	13	3	10	9	2	7	4	1	3
Albany Center	11	2	9	8	2	6	3	-	3
Buffalo Center	2	1	1	1	-	1	1	1	-
Russian (7-12)	9	1	8	9	1	8	-	-	-
Albany Center	7	-	7	7	-	7	-	-	-
Stony Brook Center	2	1	1	2	1	1	-	-	-
Spanish (7-12)	149	21	128	134	19	115	15	2	13
Albany Center	42	4	38	37	4	33	5	-	5
Binghamton Center	2	-	2	-	-	-	2	-	2
Buffalo Center	17	2	15	15	1	14	2	1	1
Stony Brook Center	13	1	12	13	1	12	-	-	-
Brockport College	3	-	3	3	-	3	-	-	-
Buffalo College	9	4	5	9	4	5	-	-	-
Cortland College	8	-	8	8	-	8	-	-	-

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TABLE 10
EDUCATIONAL CERTIFICATIONS RECOMMENDED TO THE STATE EDUCATION DEPARTMENT
JULY 1, 1969 THROUGH JUNE 30, 1970
STATE UNIVERSITY OF NEW YORK
(Continued)

Certification area and institution	All certificates			Provisional certificates			Permanent certificates		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
Spanish (7-12) (Continued)									
Fredonia College	7	3	4	7	3	4	-	-	-
Geneseo College	10	3	7	10	3	7	-	-	-
New Paltz College	13	2	11	9	1	8	4	1	3
Oneonta College	5	-	5	5	-	5	-	-	-
Oswego College	12	1	11	12	1	11	-	-	-
Potsdam College	6	-	6	5	-	5	1	-	1
Agriculture College	2	1	1	1	1	-	1	-	1
Biology (7-12)	247	150	97	189	110	79	58	40	18
Albany Center	16	6	10	15	6	9	1	-	1
Binghamton Center	3	1	2	-	-	-	3	1	2
Buffalo Center	5	1	4	4	-	4	1	1	-
Stony Brook Center	19	10	9	19	10	9	-	-	-
Brockport College	36	24	12	29	19	10	7	5	2
Buffalo College	16	7	9	16	7	9	-	-	-
Cortland College	16	10	6	8	4	4	8	6	2
Fredonia College	16	11	5	14	9	5	2	2	-
Geneseo College	24	19	5	19	16	3	5	3	2
New Paltz College	15	12	3	7	5	2	8	7	1
Oneonta College	12	5	7	7	3	4	5	2	3
Oswego College	30	18	12	25	15	10	5	3	2
Plattsburgh College	18	13	5	15	11	4	3	2	1
Potsdam College	4	3	1	2	1	1	2	2	-
Agriculture College	17	10	7	9	4	5	8	6	2

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TABLE 10
EDUCATIONAL CERTIFICATIONS RECOMMENDED TO THE STATE EDUCATION DEPARTMENT
JULY 1, 1969 THROUGH JUNE 30, 1970
STATE UNIVERSITY OF NEW YORK
(Continued)

Certification area and institution	All certificates			Provisional certificates			Permanent certificates		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
Chemistry (7-12)	74	46	28	55	31	24	19	15	4
Albany Center	9	4	5	6	1	5	3	3	-
Buffalo Center	8	6	2	7	5	2	1	1	-
Stony Brook Center	1	-	1	1	-	1	-	-	-
Brockport College	11	10	1	6	5	1	5	5	-
Buffalo College	7	1	6	7	1	6	-	-	-
Cortland College	8	5	3	6	3	3	2	2	-
Fredonia College	4	3	1	3	3	-	1	-	1
Geneseo College	1	-	1	-	-	-	1	-	1
New Paltz College	1	-	1	1	-	1	-	-	-
Oneonta College	5	4	1	5	4	1	-	-	-
Oswego College	4	3	1	4	3	1	-	-	-
Plattsburgh College	4	3	1	4	3	1	-	-	-
Potsdam College	2	2	-	1	1	-	1	1	-
Agriculture College	9	5	4	4	2	2	5	3	2
Physics (7-12)	40	34	6	27	25	2	13	9	4
Albany Center	5	5	-	4	4	-	1	1	-
Buffalo Center	4	1	3	3	1	2	1	-	1
Stony Brook Center	5	5	-	5	5	-	-	-	-
Brockport College	5	5	-	4	4	-	1	1	-
Buffalo College	1	1	-	1	1	-	-	-	-
Cortland College	2	-	2	-	-	-	2	-	2

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TABLE 10
EDUCATIONAL CERTIFICATIONS RECOMMENDED TO THE STATE EDUCATION DEPARTMENT
JULY 1, 1969 THROUGH JUNE 30, 1970
STATE UNIVERSITY OF NEW YORK
(Continued)

Certification area and institution	All certificates			Provisional certificates			Permanent certificates		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
Physics (7-12) (Continued)									
Fredonia College	2	2	-	2	2	-	-	-	-
Geneseo College	8	8	-	3	3	-	5	5	-
New Paltz College	1	1	-	1	1	-	-	-	-
Oneonta College	1	1	-	1	1	-	-	-	-
Oswego College	2	2	-	2	2	-	-	-	-
Plattsburgh College	1	1	-	1	1	-	-	-	-
Potsdam College	3	2	1	-	-	-	3	2	1
Earth Science (7-12)	55	38	17	41	27	14	14	11	3
Albany Center	3	2	1	3	2	1	-	-	-
Binghamton Center	2	2	-	-	-	-	2	2	-
Buffalo Center	3	2	1	2	1	1	1	1	-
Brockport College	6	2	4	4	1	3	2	1	1
Buffalo College	8	5	3	8	5	3	-	-	-
Cortland College	4	2	2	2	1	1	2	1	1
Fredonia College	1	1	-	1	1	-	-	-	-
Geneseo College	3	3	-	3	3	-	-	-	-
New Paltz College	5	5	-	3	3	-	2	2	-
Oneonta College	2	1	1	2	1	1	-	-	-
Oswego College	7	6	1	6	5	1	1	1	-
Plattsburgh College	1	1	-	1	1	-	-	-	-
Potsdam College	2	1	1	1	-	1	1	1	-
Agriculture College	8	5	3	5	3	2	3	2	1

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TABLE 10
EDUCATIONAL CERTIFICATIONS RECOMMENDED TO THE STATE EDUCATION DEPARTMENT
JULY 1, 1969 THROUGH JUNE 30, 1970
STATE UNIVERSITY OF NEW YORK
(Continued)

Certification area and institution	All certificates			Provisional certificates			Permanent certificates		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
Agriculture	28	28	-	25	25	-	3	3	-
Agriculture College	28	28	-	25	25	-	3	3	-
Art	255	94	161	236	86	150	19	8	11
Buffalo Center	16	8	8	16	8	8	-	-	-
Buffalo College	118	44	74	118	44	74	-	-	-
New Paltz College	121	42	79	102	34	68	19	8	11
Accounting and Business Practice	39	28	11	36	25	11	3	3	-
Albany Center	39	28	11	36	25	11	3	3	-
Commerce	141	30	111	110	28	82	31	2	29
Albany Center	68	2	66	39	1	38	29	1	28
Buffalo Center	73	28	45	71	27	44	2	1	1
Commerce and Distributive Education Subjects	7	6	1	-	-	-	7	6	1
Albany Center	7	6	1	-	-	-	7	6	1
Health	268	120	148	240	107	133	28	13	15
Buffalo Center	1	-	1	-	-	-	1	-	1
Brockport College	217	113	104	199	101	98	18	12	6
Cortland College	50	7	43	41	6	35	9	1	8

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TABLE 10
EDUCATIONAL CERTIFICATIONS RECOMMENDED TO THE STATE EDUCATION DEPARTMENT
JULY 1, 1969 THROUGH JUNE 30, 1970
STATE UNIVERSITY OF NEW YORK
(Continued)

Certification area and institution	All certificates			Provisional certificates			Permanent certificates		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
Home Economics	235	-	235	211	-	211	24	-	24
Buffalo College	86	-	86	86	-	86	-	-	-
Oneonta College	68	-	68	62	-	62	6	-	6
Plattsburgh College	56	-	56	41	-	41	15	-	15
Human Ecology College	25	-	25	22	-	22	3	-	3
Library	112	9	103	33	2	31	79	7	72
Albany Center	30	5	25	-	-	-	30	5	25
Buffalo Center	11	-	11	-	-	-	11	-	11
Geneseo College	71	4	67	33	2	31	38	2	36
Music	225	105	120	162	71	91	63	34	29
Binghamton Center	2	1	1	-	-	-	2	1	1
Buffalo Center	11	4	7	6	2	4	5	2	3
Fredonia College	108	59	49	78	43	35	30	16	14
Potsdam College	104	41	63	78	26	52	26	15	11
Physical Education	470	234	236	416	200	216	54	34	20
Buffalo Center	45	31	14	44	30	14	1	1	-
Brockport College	238	122	116	212	108	104	26	14	12
Cortland College	187	81	106	160	62	98	27	19	8
Recreation	19	4	15	17	3	14	2	1	1
Brockport College	1	-	1	1	-	1	-	-	-
Cortland College	18	4	14	16	3	13	2	1	1

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TABLE 10
EDUCATIONAL CERTIFICATIONS RECOMMENDED TO THE STATE EDUCATION DEPARTMENT
JULY 1, 1969 THROUGH JUNE 30, 1970
STATE UNIVERSITY OF NEW YORK
(Continued)

Certification area and institution	All certificates			Provisional certificates			Permanent certificates		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
Speech	36	15	21	28	13	15	8	2	6
Albany Center	7	-	7	5	-	5	2	-	2
Buffalo Center	2	-	2	2	-	2	-	-	-
Cortland College	3	1	2	2	1	1	1	-	1
Fredonia College	2	1	1	2	1	1	-	-	-
Genesee College	13	8	5	10	7	3	3	1	2
Oneonta College	8	5	3	6	4	2	2	1	1
Oswego College	1	-	1	1	-	1	-	-	-
Industrial Arts	316	314	2	316	314	2	-	-	-
Buffalo College	138	136	2	138	136	2	-	-	-
Oswego College	178	178	-	178	178	-	-	-	-
Trade Shop Subjects	91	81	10	57	49	8	34	32	2
Oswego College	91	81	10	57	49	8	34	32	2
School Nurse Teacher	20	-	20	-	-	-	20	-	20
Oneonta College	19	-	19	-	-	-	19	-	19
Plattsburgh College	1	-	1	-	-	-	1	-	1
School Dental Hygiene Teacher	34	-	34	-	-	-	34	-	34
Brockport College	34	-	34	-	-	-	34	-	34
School Psychologist	18	13	5	6	5	1	12	8	4
Albany Center	10	6	4	-	-	-	10	6	4
Plattsburgh College	8	7	1	6	5	1	2	2	-

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TABLE 10
EDUCATIONAL CERTIFICATIONS RECOMMENDED TO THE STATE EDUCATION DEPARTMENT
JULY 1, 1969 THROUGH JUNE 30, 1970
STATE UNIVERSITY OF NEW YORK
(Continued)

Certification area and institution	All certificates			Provisional certificates			Permanent certificates		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
Guidance	128	73	55	49	23	26	79	50	29
Albany Center	17	8	9	6	2	4	11	6	5
Buffalo Center	19	10	9	11	5	6	8	5	3
Brockport College	1	-	1	-	-	-	1	-	1
Oneonta College	34	23	11	-	-	-	34	23	11
Oswego College	5	3	2	1	-	1	4	3	1
Plattsburgh College	47	26	21	27	14	13	20	12	8
Agriculture College	5	3	2	4	2	2	1	1	-
Special fifth year:									
Elementary Teacher, N-6	12	2	10	-	-	-	12	2	10
Oneonta College	12	2	10	-	-	-	12	2	10
Mathematics (7-12)	1	1	-	-	-	-	1	1	-
Oneonta College	1	1	-	-	-	-	1	1	-
Social Studies (7-12)	4	3	1	-	-	-	4	3	1
Oneonta College	4	3	1	-	-	-	4	3	1
Other	21	14	7	15	10	5	6	4	2
Buffalo Center	7	4	3	3	1	2	4	3	1
Stony Brook Center	7	4	3	7	4	3	-	-	-
Brockport College	1	-	1	-	-	-	1	-	1
Oswego College	6	6	-	5	5	-	1	1	-

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1970-1971 DETAILED TABLES

Institutional Summary

Certificate Area Summary

Institution and Certificate Area

Certificate Area and Institution

TABLE 11
EDUCATION CERTIFICATIONS RECOMMENDED TO THE STATE EDUCATION DEPARTMENT
BY INSTITUTION RECOMMENDING, BY TYPE OF CERTIFICATE, AND BY SEX OF RECIPIENT
JULY 1, 1970 THROUGH JUNE 30, 1971

Institution	All certificates recommended			Provisional certificates			Permanent certificates		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
Total	10,141	3,282	6,859	8,627	2,664	5,963	1,514	618	896
University Centers	2,095	693	1,402	1,571	500	1,071	524	193	331
Albany	838	251	587	497	133	364	341	118	223
Binghamton	22	7	15	-	-	-	22	7	15
Buffalo	778	318	460	617	250	367	161	68	93
Stony Brook	457	117	340	457	117	340	-	-	-
University Colleges	7,829	2,504	5,325	6,906	2,106	4,800	923	398	525
Brockport	788	273	515	788	273	515	-	-	-
Buffalo	1,189	388	801	1,189	388	801	-	-	-
Cortland	854	267	587	736	229	507	118	38	80
Fredonia	685	205	480	573	163	410	112	42	70
Geneseo	593	178	415	471	148	323	122	30	92
New Paltz	733	200	533	568	138	430	165	62	103
Oneonta	942	203	739	852	159	693	90	44	46
Oswego	1,014	507	507	885	406	479	129	101	28
Plattsburgh	498	166	332	407	126	281	91	40	51
Potsdam	533	117	416	437	76	361	96	41	55
Statutory Colleges	217	85	132	150	58	92	67	27	40
Agriculture and Life Sciences	172	85	87	109	58	51	63	27	36
Human Ecology	45	-	45	41	-	41	4	-	4

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TABLE 12
EDUCATION CERTIFICATIONS RECOMMENDED TO THE STATE EDUCATION DEPARTMENT
BY INSTITUTION, CERTIFICATE AREA, AND TYPE OF CERTIFICATE
JULY 1, 1970 THROUGH JUNE 30, 1971

Institution and certificate area	All certificates recommended	Provisional certificates	Permanent certificates
Total	10,141	8,627	1,514
University Centers	2,095	1,571	524
Albany	838	497	341
School District Administrator	16	-	16
School Administrator and Supervisor	1	-	1
Elementary Teacher, N-6 and Reading	28	-	28
Speech and Hearing Handicapped	36	30	6
English (7-12)	166	112	54
Social Studies (7-12)	166	106	60
Mathematics (7-12)	90	61	29
French (7-12)	54	32	22
German (7-12)	11	6	5
Latin (7-12)	11	10	1
Russian (7-12)	5	5	-
Spanish (7-12)	34	26	8
Biology (7-12)	19	11	8
Chemistry (7-12)	9	7	2
Physics (7-12)	7	6	1
Earth Science (7-12)	2	2	-
Commerce	88	56	32
Commerce and Distributive Education Subjects	9	5	4
Library	40	-	40
Speech	8	8	-
School Psychologist	8	-	8
Guidance	30	14	16
Binghamton	22	-	22
English (7-12)	6	-	6
Social Studies (7-12)	7	-	7
Mathematics (7-12)	3	-	3
French (7-12)	1	-	1
Spanish (7-12)	1	-	1
Chemistry (7-12)	1	-	1
Commerce	3	-	3

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TABLE 12

EDUCATION CERTIFICATIONS RECOMMENDED TO THE STATE EDUCATION DEPARTMENT
BY INSTITUTION, CERTIFICATE AREA, AND TYPE OF CERTIFICATE
JULY 1, 1970 THROUGH JUNE 30, 1971
(Continued)

Institution and certificate area	All certificates recommended	Provisional certificates	Permanent certificates
Buffalo	778	617	161
School District Administrator	14	-	14
School Administrator and Supervisor	2	-	2
Elementary Teacher, N-6	70	50	20
Elementary Teacher, N-6 and General Science (7-9)	5	3	2
Speech and Hearing Handicapped	1	-	1
English (7-12)	110	91	19
Social Studies (7-12)	161	139	22
Mathematics (7-12)	35	29	6
French (7-12)	17	13	4
German (7-12)	6	5	1
Italian (7-12)	1	1	-
Latin (7-12)	3	3	-
Russian (7-12)	1	1	-
Spanish (7-12)	19	17	2
Biology (7-12)	9	6	3
Chemistry (7-12)	11	9	2
Physics (7-12)	4	3	1
Earth Science (7-12)	7	7	-
Art	15	13	2
Commerce	89	77	12
Health	24	19	5
Library	22	2	20
Music	19	13	6
Physical Education	68	64	4
Recreation	18	15	3
Speech	15	15	-
Guidance	32	22	10
Stony Brook	457	457	-
Elementary Teacher, N-6	226	226	-
English (7-12)	67	67	-
Social Studies (7-12)	64	64	-
Mathematics	37	37	-
French (7-12)	12	12	-
German (7-12)	3	3	-

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TABLE 12
EDUCATION CERTIFICATIONS RECOMMENDED TO THE STATE EDUCATION DEPARTMENT
BY INSTITUTION, CERTIFICATE AREA, AND TYPE OF CERTIFICATE
JULY 1, 1970 THROUGH JUNE 30, 1971
(Continued)

Institution and certificate area	All certificates recommended	Provisional certificates	Permanent certificates
Stony Brook (continued)			
Russian (7-12)	1	1	-
Spanish (7-12)	16	16	-
Biology (7-12)	19	19	-
Chemistry (7-12)	3	3	-
Physics (7-12)	6	6	-
Earth Science (7-12)	3	3	-
University Colleges	7,829	6,906	923
Brockport	788	788	-
Elementary Teacher, N-6	275	275	-
Elementary Teacher, N-6 and English (7-9)	12	12	-
Elementary Teacher, N-6 and Social Studies (7-9)	28	28	-
Elementary Teacher, N-6 and Spanish (7-9)	1	1	-
Elementary Teacher, N-6 and Mathematics (7-9)	10	10	-
Speech and Hearing Handicapped	6	6	-
English (7-12)	47	47	-
Social Studies (7-12)	82	82	-
Mathematics (7-12)	62	62	-
French (7-12)	6	6	-
Spanish (7-12)	6	6	-
Biology (7-12)	36	36	-
Chemistry (7-12)	17	17	-
Physics (7-12)	4	4	-
Earth Science (7-12)	8	8	-
Health	48	48	-
Physical Education	135	135	-
Speech	5	5	-

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TABLE 12
EDUCATION CERTIFICATIONS RECOMMENDED TO THE STATE EDUCATION DEPARTMENT
BY INSTITUTION, CERTIFICATE AREA, AND TYPE OF CERTIFICATE
JULY 1, 1970 THROUGH JUNE 30, 1971
(Continued)

Institution and certificate area	All certificates recommended	Provisional certificates	Permanent certificates
Buffalo	1,189	1,189	-
Elementary Teacher, N-6	427	427	-
Elementary Teacher, N-6 and English (7-9)	25	25	-
Elementary Teacher, N-6 and Social Studies (7-9)	16	16	-
Elementary Teacher, N-6 and Spanish (7-9)	1	1	-
Elementary Teacher, N-6 and Mathematics (7-9)	4	4	-
Elementary Teacher, N-6 and General Science (7-9)	5	5	-
Mentally Retarded	107	107	-
Physically Handicapped-Orthopedic	17	17	-
Speech and Hearing Handicapped	28	28	-
English (7-12)	71	71	-
Social Studies (7-12)	64	64	-
Mathematics (7-12)	35	35	-
French (7-12)	7	7	-
Spanish (7-12)	5	5	-
Biology (7-12)	14	14	-
Chemistry (7-12)	4	4	-
Physics (7-12)	1	1	-
Earth Science (7-12)	3	3	-
Art	124	124	-
Home Economics	63	63	-
Industrial Arts	168	168	-
Cortland	854	736	118
Elementary Teacher, N-6	273	218	55
Elementary Teacher, N-6 and English (7-9)	19	19	-
Elementary Teacher, N-6 and Social Studies (7-9)	29	27	2
Elementary Teacher, N-6 and Mathematics (7-9)	37	33	4

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TABLE 12
EDUCATION CERTIFICATIONS RECOMMENDED TO THE STATE EDUCATION DEPARTMENT
BY INSTITUTION, CERTIFICATE AREA, AND TYPE OF CERTIFICATE
JULY 1, 1970 THROUGH JUNE 30, 1971
(Continued)

Institution and certificate area	All certificates recommended	Provisional certificates	Permanent certificates
Cortland (continued)			
Elementary Teacher, N-6 and French (7-9)	7	7	-
Elementary Teacher, N-6 and Spanish (7-9)	4	4	-
Elementary Teacher, N-6 and General Science (7-9)	12	11	1
English (7-12)	46	43	3
Social Studies (7-12)	41	31	10
Mathematics (7-12)	23	18	5
French (7-12)	12	10	2
Spanish (7-12)	5	5	-
Biology (7-12)	9	7	2
Chemistry (7-12)	5	5	-
Physics (7-12)	3	3	-
Earth Science (7-12)	2	1	1
Health	60	52	8
Physical Education	212	191	21
Recreation	51	47	4
Speech	4	4	-
Fredonia	685	573	112
Elementary Teacher, N-6	338	293	45
Early Childhood Specialization	5	5	-
Elementary Teacher, N-6 and English (7-9)	13	12	1
Elementary Teacher, N-6 and Social Studies (7-9)	8	7	1
Elementary Teacher, N-6 and French (7-9)	7	7	-
Elementary Teacher, N-6 and Spanish (7-9)	5	5	-
Elementary Teacher, N-6 and Mathematics (7-9)	2	2	-
Elementary Teacher, N-6 and General Science (7-9)	4	3	1

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TABLE 12
EDUCATION CERTIFICATIONS RECOMMENDED TO THE STATE EDUCATION DEPARTMENT
BY INSTITUTION, CERTIFICATE AREA, AND TYPE OF CERTIFICATE
JULY 1, 1970 THROUGH JUNE 30, 1971
(Continued)

Institution and certificate area	All certificates recommended	Provisional certificates	Permanent certificates
Fredonia (continued)			
Speech and Hearing Handicapped	30	27	3
English (7-12)	52	35	17
Social Studies (7-12)	47	37	10
Mathematics (7-12)	26	18	8
French (7-12)	7	7	-
German (7-12)	1	1	-
Spanish (7-12)	4	4	-
Biology (7-12)	28	27	1
Chemistry (7-12)	2	1	1
Physics (7-12)	5	2	3
Earth Science (7-12)	5	5	-
Music	90	69	21
Speech	6	6	-
Geneseo	593	471	122
School Administrator and Supervisor	6	--	6
Elementary Teacher, N-6	217	190	27
Elementary Teacher, N-6 and English (7-9)	13	10	3
Elementary Teacher, N-6 and Social Studies (7-9)	29	27	2
Elementary Teacher, N-6 and French (7-9)	2	2	-
Elementary Teacher, N-6 and Spanish (7-9)	1	1	-
Elementary Teacher, N-6 and Mathematics (7-9)	12	9	3
Elementary Teacher, N-6 and General Science (7-9)	3	1	2
Mentally Retarded	71	61	10
Physically Handicapped-Deaf	4	-	4
Speech and Hearing Handicapped	47	28	19
English (7-12)	53	37	16
Social Studies (7-12)	57	47	10

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TABLE 12
EDUCATION CERTIFICATIONS RECOMMENDED TO THE STATE EDUCATION DEPARTMENT
BY INSTITUTION, CERTIFICATE AREA, AND TYPE OF CERTIFICATE
JULY 1, 1970 THROUGH JUNE 30, 1971
(Continued)

Institution and certificate area	All certificates recommended	Provisional certificates	Permanent certificates
Geneseo (continued)			
Mathematics (7-12)	39	31	8
French (7-12)	5	5	-
Spanish (7-12)	6	3	3
Biology (7-12)	12	10	2
Chemistry (7-12)	1	1	-
Physics (7-12)	2	-	2
Earth Science (7-12)	3	3	-
Library	1	1	-
Speech	9	4	5
New Paltz	733	568	165
School District Administrator	1	-	1
School Administrator and Supervisor	1	-	1
Elementary Teacher, N-6	350	274	76
Elementary Teacher, N-6 and English (7-9)	3	1	2
Elementary Teacher, N-6 and Social Studies (7-9)	10	9	1
Elementary Teacher, N-6 and Mathematics (7-9)	21	20	1
Elementary Teacher, N-6 and General Science (7-9)	4	3	1
Speech and Hearing Handicapped	5	5	-
English (7-12)	67	49	18
Social Studies (7-12)	83	61	22
Mathematics (7-12)	25	21	4
French (7-12)	14	12	2
German (7-12)	2	2	-
Spanish (7-12)	7	5	2
Biology (7-12)	21	7	14
Chemistry (7-12)	1	-	1
Physics (7-12)	3	2	1
Earth Science (7-12)	2	2	-
Art	113	95	18

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TABLE 12
EDUCATION CERTIFICATIONS RECOMMENDED TO THE STATE EDUCATION DEPARTMENT
BY INSTITUTION, CERTIFICATE AREA, AND TYPE OF CERTIFICATE
JULY 1, 1970 THROUGH JUNE 30, 1971
(Continued)

Institution and certificate area	All certificates recommended	Provisional certificates	Permanent certificates
Oneonta	942	852	90
Elementary Teacher, N-6	488	455	33
Elementary Teacher, N-6 and English (7-9)	26	26	-
Elementary Teacher, N-6 and Social Studies (7-9)	27	26	1
Elementary Teacher, N-6 and French (7-9)	1	1	-
Elementary Teacher, N-6 and Spanish (7-9)	2	2	-
Elementary Teacher, N-6 and Mathematics (7-9)	43	40	3
Elementary Teacher, N-6 and General Science (7-9)	20	19	1
English (7-12)	66	62	4
Social Studies (7-12)	67	61	6
Mathematics (7-12)	39	36	3
French (7-12)	9	9	-
German (7-12)	3	3	-
Spanish (7-12)	7	7	-
Biology (7-12)	7	7	-
Chemistry (7-12)	4	4	-
Physics (7-12)	1	1	-
Earth Science (7-12)	3	2	1
Home Economics	70	67	3
Speech	7	7	-
School Nurse Teacher	18	17	1
Guidance	34	-	34
Oswego	1,014	885	129
School Administrator and Supervisor	12	5	7
Elementary Teacher, N-6	389	373	16
Elementary Teacher, N-6 and Social Studies (7-9)	2	2	-
Elementary Teacher, N-6 and Mathematics (7-9)	1	-	1

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TABLE 12
EDUCATION CERTIFICATIONS RECOMMENDED TO THE STATE EDUCATION DEPARTMENT
BY INSTITUTION, CERTIFICATE AREA, AND TYPE OF CERTIFICATE
JULY 1, 1970 THROUGH JUNE 30, 1971
(Continued)

Institution and certificate area	All certificates recommended	Provisional certificates	Permanent certificates
Oswego (continued)			
English (7-12)	54	49	5
Social Studies (7-12)	59	57	2
Mathematics (7-12)	42	38	4
French (7-12)	23	23	-
Spanish (7-12)	9	9	-
Biology (7-12)	25	23	2
Chemistry (7-12)	3	2	1
Physics (7-12)	1	1	-
Earth Science (7-12)	7	7	-
Speech	4	4	-
Industrial Arts	156	156	-
Trade Shop Subjects	221	132	89
Technical Subjects	2	2	-
Related Technical Subjects	2	2	-
Guidance	2	-	2
Plattsburgh	498	407	91
School Administrator and Supervisor	5	-	5
Elementary Teacher, N-6	205	188	17
Elementary Teacher, N-6 and English (7-9)	8	8	-
Elementary Teacher, N-6 and Social Studies (7-9)	15	14	1
Elementary Teacher, N-6 and Mathematics (7-9)	13	12	1
Elementary Teacher, N-6 and General Science (7-9)	2	1	1
English (7-12)	33	29	4
Social Studies (7-12)	44	39	5
Mathematics (7-12)	31	29	2
Biology (7-12)	23	20	3
Chemistry (7-12)	3	3	-
Physics (7-12)	1	1	-

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TABLE 12
EDUCATION CERTIFICATIONS RECOMMENDED TO THE STATE EDUCATION DEPARTMENT
BY INSTITUTION, CERTIFICATE AREA, AND TYPE OF CERTIFICATE
JULY 1, 1970 THROUGH JUNE 30, 1971
(Continued)

Institution and certificate area	All certificates recommended	Provisional certificates	Permanent certificates
Plattsburgh (continued)			
Earth Science (7-12)	2	2	-
Home Economics	64	49	15
School Nurse Teacher	3	-	3
School Psychologist	8	5	3
Guidance	38	7	31
Potsdam	533	437	96
Elementary Teacher, N-6	218	198	20
Elementary Teacher, N-6 and English (7-9)	11	7	4
Elementary Teacher, N-6 and Social Studies (7-9)	11	8	3
Elementary Teacher, N-6 and Latin (7-9)	1	1	-
Elementary Teacher, N-6 and Spanish (7-9)	1	-	1
Elementary Teacher, N-6 and Mathematics (7-9)	11	9	2
Elementary Teacher, N-6 and General Science (7-9)	4	2	2
English (7-12)	40	34	6
Social Studies (7-12)	62	47	15
Mathematics (7-12)	27	18	9
French (7-12)	20	15	5
Spanish (7-12)	3	2	1
Biology (7-12)	11	3	8
Chemistry (7-12)	3	2	1
Physics (7-12)	7	5	2
Earth Science (7-12)	2	1	1
Music	101	85	16
Statutory Colleges	217	150	67
Agriculture and Life Sciences	172	109	63
School District Administrator	3	-	3
Elementary Teacher, N-6	2	-	2
Early Childhood Specialization	5	5	-

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TABLE 12

EDUCATION CERTIFICATIONS RECOMMENDED TO THE STATE EDUCATION DEPARTMENT
BY INSTITUTION, CERTIFICATE AREA, AND TYPE OF CERTIFICATE
JULY 1, 1970 THROUGH JUNE 30, 1971
(Continued)

Institution and certificate area	All certificates recommended	Provisional certificates	Permanent certificates
Agriculture and Life Sciences (continued)			
Elementary Teacher, N-6 and General Science (7-9)	28	18	10
English (7-12)	22	13	9
Social Studies (7-12)	30	22	8
Mathematics (7-12)	7	5	2
French (7-12)	4	2	2
Spanish (7-12)	4	1	3
Biology (7-12)	21	16	5
Chemistry (7-12)	9	2	7
Physics (7-12)	4	1	3
Earth Science (7-12)	1	1	-
Agriculture	21	17	4
Guidance	11	6	5
Human Ecology	45	41	4
Early Childhood Specialization	19	19	-
Home Economics	26	22	4

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TABLE 13--EDUCATION CERTIFICATIONS RECOMMENDED TO THE STATE EDUCATION DEPARTMENT
BY CERTIFICATION AREA, BY TYPE OF CERTIFICATE, AND BY SEX OF RECIPIENT
JULY 1, 1970 THROUGH JUNE 30, 1971

Certification area[a]	All certificates recommended			Provisional certificates			Permanent certificates		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
All certificates recommended	10,141	3,282	6,859	8,627	2,664	5,963	1,514	618	896
School District Administrator	34	33	1	-	-	-	34	33	1
School Administrator and Supervisor	27	23	4	5	5	-	22	18	4
Elementary Teacher, N-6	3,478	368	3,110	3,167	306	2,861	311	62	249
Early Childhood Specialization	29	-	29	29	-	29	-	-	-
Elementary Teacher, N-6 and English (7-9)	130	9	121	120	9	111	10	-	10
Elementary Teacher, N-6 and Social Studies (7-9)	175	78	97	164	74	90	11	4	7
Elementary Teacher, N-6 and French (7-9)	17	-	17	17	-	17	-	-	-
Elementary Teacher, N-6 and Latin (7-9)	1	-	1	1	-	1	-	-	-
Elementary Teacher, N-6 and Spanish (7-9)	15	1	14	14	1	13	1	-	1
Elementary Teacher, N-6 and Mathematics (7-9)	154	35	119	139	32	107	15	3	12
Elementary Teacher, N-6 and General Science (7-9)	87	43	44	66	35	31	21	8	13
Elementary (N-6) Reading	28	1	27	-	-	-	28	1	27
Mentally Retarded	178	34	144	168	33	135	10	1	9
Physically Handicapped-Orthopedic	17	2	15	17	2	15	-	-	-
Physically Handicapped-Deaf	4	1	3	-	-	-	4	1	3
Speech and Hearing Handicapped	153	24	129	124	20	104	29	4	25
English (7-12)	900	239	661	739	191	548	161	48	113
Social Studies (7-12)	1,034	620	414	857	509	348	177	111	66

[a]Areas taken from Teacher Education Programs and Certification Policies, 1970. Albany: State Education Department.

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TABLE 13--EDUCATION CERTIFICATIONS RECOMMENDED TO THE STATE EDUCATION DEPARTMENT
BY CERTIFICATION AREA, BY TYPE OF CERTIFICATE, AND BY SEX OF RECIPIENT
JULY 1, 1970 THROUGH JUNE 30, 1971
(Continued)

Certification area	All certificates recommended			Provisional certificates			Permanent certificates		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
Mathematics (7-12)	521	235	286	438	195	243	83	40	43
French (7-12)	191	20	171	153	13	140	38	7	31
German (7-12)	26	6	20	20	4	16	6	2	4
Italian (7-12)	1	1	-	1	1	-	-	-	-
Latin (7-12)	14	3	11	13	3	10	1	-	1
Russian (7-12)	7	2	5	7	2	5	-	-	-
Spanish (7-12)	126	19	107	106	11	95	20	8	12
Biology (7-12)	254	152	102	206	125	81	48	27	21
Chemistry (7-12)	76	47	29	60	41	19	16	6	10
Physics (7-12)	49	42	7	36	31	5	13	11	2
Earth Science (7-12)	50	43	7	47	40	7	3	3	-
Agriculture	21	21	-	17	17	-	4	4	-
Art	252	77	175	232	70	162	20	7	13
Commerce	180	77	103	133	62	71	47	15	32
Commerce and Distributive Education Subjects	9	7	2	5	5	-	4	2	2
Health	132	55	77	119	51	68	13	4	9
Home Economics	223	-	223	201	-	201	22	-	22
Library	63	7	56	3	1	2	60	6	54
Music	210	87	123	167	68	99	43	19	24
Physical Education	415	213	202	390	200	190	25	13	12
Recreation	69	38	31	62	31	31	7	7	-
Speech	58	17	41	53	16	37	5	1	4
Industrial Arts	324	322	2	324	322	2	-	-	-
Trade Shop Subjects	221	184	37	132	106	26	89	78	11

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TABLE 13--EDUCATION CERTIFICATIONS RECOMMENDED TO THE STATE EDUCATION DEPARTMENT
BY CERTIFICATION AREA, BY TYPE OF CERTIFICATE, AND BY SEX OF RECIPIENT
JULY 1, 1970 THROUGH JUNE 30, 1971
(Continued)

Certification area	All certificates recommended			Provisional certificates			Permanent certificates		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
Technical Subjects	2	2	-	2	2	-	-	-	-
Related Technical Subjects	2	2	-	2	2	-	-	-	-
School Nurse Teacher	21	1	20	17	1	16	4	-	4
School Psychologist	16	11	5	5	4	1	11	7	4
Guidance	147	80	67	49	23	26	98	57	41

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TABLE 14
EDUCATION CERTIFICATIONS RECOMMENDED TO THE STATE EDUCATION DEPARTMENT
BY CERTIFICATION AREA, BY INSTITUTION AND BY TYPE OF CERTIFICATE
JULY 1, 1970 THROUGH JUNE 30, 1971

Certification area and institution	All certificates recommended	Provisional certificates	Permanent certificates
Total	10,141	8,627	1,514
School District Administrator	34	-	34
Albany Center	16	-	16
Buffalo Center	14	-	14
New Paltz College	1	-	1
Agriculture and Life Sciences College	3	-	3
School Administrator and Supervisor	27	5	22
Albany Center	1	-	1
Buffalo Center	2	-	2
Genesee College	6	-	6
New Paltz College	1	-	1
Oswego College	12	5	7
Plattsburgh College	5	-	5
Elementary Teacher, N-6	3,478	3,167	311
Buffalo Center	70	50	20
Stony Brook Center	226	226	-
Brockport College	275	275	-
Buffalo College	427	427	-
Cortland College	273	218	55
Fredonia College	338	293	45
Geneseo College	217	190	27
New Paltz College	350	274	76
Oneonta College	488	455	33
Oswego College	389	373	16
Plattsburgh College	205	188	17
Potsdam College	218	198	20
Agriculture and Life Sciences College	2	-	2
Early Childhood Specialization	29	29	-
Fredonia College	5	5	-
Agriculture and Life Sciences College	5	5	-
Human Ecology College	19	19	-

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TABLE 14
EDUCATION CERTIFICATIONS RECOMMENDED TO THE STATE EDUCATION DEPARTMENT
BY CERTIFICATION AREA, BY INSTITUTION AND BY TYPE OF CERTIFICATE
JULY 1, 1970 THROUGH JUNE 30, 1971
(Continued)

Certification area and institution	All certificates recommended	Provisional certificates	Permanent certificates
Elementary Teacher, N-6 and English (7-9)	130	120	10
Brockport College	12	12	-
Buffalo College	25	25	-
Cortland College	19	19	-
Fredonia College	13	12	1
Geneseo College	13	10	3
New Paltz College	3	1	2
Oneonta College	26	26	-
Plattsburgh College	8	8	-
Potsdam College	11	7	4
Elementary Teacher, N-6 and Social Studies (7-9)	175	164	11
Brockport College	28	28	-
Buffalo College	16	16	-
Cortland College	29	27	2
Fredonia College	8	7	1
Geneseo College	29	27	2
New Paltz College	10	9	1
Oneonta College	27	26	1
Oswego College	2	2	-
Plattsburgh College	15	14	1
Potsdam College	11	8	3
Elementary Teacher, N-6 and French (7-9)	17	17	-
Cortland College	7	7	-
Fredonia College	7	7	-
Geneseo College	2	2	-
Oneonta College	1	1	-
Elementary Teacher, N-6 and Latin (7-9)	1	1	-
Potsdam College	1	1	-

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TABLE 14
EDUCATION CERTIFICATIONS RECOMMENDED TO THE STATE EDUCATION DEPARTMENT
BY CERTIFICATION AREA, BY INSTITUTION AND BY TYPE OF CERTIFICATE
JULY 1, 1970 THROUGH JUNE 30, 1971
(Continued)

Certification area and institution	All certificates recommended	Provisional certificates	Permanent certificates
Elementary Teacher, N-6 and Spanish (7-9)	15	14	1
Brockport College	1	1	-
Buffalo College	1	1	-
Cortland College	4	4	-
Fredonia College	5	5	-
Geneseo College	1	1	-
Oneonta College	2	2	-
Potsdam College	1	-	1
Elementary Teacher, N-6 and Mathematics (7-9)	154	139	15
Brockport College	10	10	-
Buffalo College	4	4	-
Cortland College	37	33	4
Fredonia College	2	2	-
Geneseo College	12	9	3
New Paltz College	21	20	1
Oneonta College	43	40	3
Oswego College	1	-	1
Plattsburgh College	13	12	1
Potsdam College	11	9	2
Elementary Teacher, N-6 and General Science (7-9)	87	66	21
Buffalo Center	5	3	2
Buffalo College	5	5	-
Cortland College	12	11	1
Fredonia College	4	3	1
Geneseo College	3	1	2
New Paltz College	4	3	1
Oneonta College	20	19	1
Plattsburgh College	2	1	1
Potsdam College	4	2	2
Agriculture and Life Sciences College	28	18	10

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TABLE 14
EDUCATION CERTIFICATIONS RECOMMENDED TO THE STATE EDUCATION DEPARTMENT
BY CERTIFICATION AREA, BY INSTITUTION AND BY TYPE OF CERTIFICATE
JULY 1, 1970 THROUGH JUNE 30, 1971
(Continued)

Certification area and institution	All certificates recommended	Provisional certificates	Permanent certificates
Elementary Teacher, N-6 and Reading	28	-	28
Albany Center	28	-	28
Mentally Retarded	178	168	10
Buffalo College	107	107	-
Geneseo College	71	61	10
Physically Handicapped-Orthopedic	17	17	-
Buffalo College	17	17	-
Physically Handicapped-Deaf	4	-	4
Geneseo College	4	-	4
Speech and Hearing Handicapped	153	124	29
Albany Center	36	30	6
Buffalo Center	1	-	1
Brockport College	6	6	-
Buffalo College	28	28	-
Fredonia College	30	27	3
Geneseo College	47	28	19
New Paltz College	5	5	-
English (7-12)	900	739	161
Albany Center	166	112	54
Binghamton Center	6	-	6
Buffalo Center	110	91	19
Stony Brook Center	67	67	-
Brockport College	47	47	-
Buffalo College	71	71	-
Cortland College	46	43	3
Fredonia College	52	35	17
Geneseo College	53	37	16
New Paltz College	67	49	18

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TABLE 14
EDUCATION CERTIFICATIONS RECOMMENDED TO THE STATE EDUCATION DEPARTMENT
BY CERTIFICATION AREA, BY INSTITUTION AND BY TYPE OF CERTIFICATE
JULY 1, 1970 THROUGH JUNE 30, 1971
(Continued)

Certification area and institution	All certificates recommended	Provisional certificates	Permanent certificates
English (7-12) (continued)			
Oneonta College	66	62	4
Oswego College	54	49	5
Plattsburgh College	33	29	4
Potsdam College	40	34	6
Agriculture and Life Sciences College	22	13	9
Social Studies (7-12)	1,034	857	177
Albany Center	166	106	60
Binghamton Center	7	-	7
Buffalo Center	161	139	22
Stony Brook Center	64	64	-
Brockport College	82	82	-
Buffalo College	64	64	-
Cortland College	41	31	10
Fredonia College	47	37	10
Geneseo College	57	47	10
New Paltz College	83	61	22
Oneonta College	67	61	6
Oswego College	59	57	2
Plattsburgh College	44	39	5
Potsdam College	62	47	15
Agriculture and Life Sciences College	30	22	8
Mathematics (7-12)	521	438	83
Albany Center	90	61	29
Binghamton Center	3	-	3
Buffalo Center	35	29	6
Stony Brook Center	37	37	-
Brockport College	62	62	-
Buffalo College	35	35	-
Cortland College	23	18	5
Fredonia College	26	18	8
Geneseo College	39	31	8
New Paltz College	25	21	4

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TABLE 14
EDUCATION CERTIFICATIONS RECOMMENDED TO THE STATE EDUCATION DEPARTMENT
BY CERTIFICATION AREA, BY INSTITUTION AND BY TYPE OF CERTIFICATE
JULY 1, 1970 THROUGH JUNE 30, 1971
(Continued)

Certification area and institution	All certificates recommended	Provisional certificates	Permanent certificates
Mathematics (7-12) (continued)			
Oneonta College	39	36	3
Oswego College	42	38	4
Plattsburgh College	31	29	2
Potsdam College	27	18	9
Agriculture and Life Sciences College	7	5	2
French (7-12)	191	153	38
Albany Center	54	32	22
Binghamton Center	1	-	1
Buffalo Center	17	13	4
Stony Brook Center	12	12	-
Brockport College	6	6	-
Buffalo College	7	7	-
Cortland College	12	10	2
Fredonia College	7	7	-
Geneseo College	5	5	-
New Paltz College	14	12	2
Oneonta College	9	9	-
Oswego College	23	23	-
Potsdam College	20	15	5
Agriculture and Life Sciences College	4	2	2
German (7-12)	26	20	6
Albany Center	11	6	5
Buffalo Center	6	5	1
Stony Brook Center	3	3	-
Fredonia College	1	1	-
New Paltz College	2	2	-
Oneonta College	3	3	-
Italian (7-12)	1	1	-
Buffalo Center	1	1	-

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TABLE 14
EDUCATION CERTIFICATIONS RECOMMENDED TO THE STATE EDUCATION DEPARTMENT
BY CERTIFICATION AREA, BY INSTITUTION AND BY TYPE OF CERTIFICATE
JULY 1, 1970 THROUGH JUNE 30, 1971
(Continued)

Certification area and institution	All certificates recommended	Provisional certificates	Permanent certificates
Latin (7-12)	14	13	1
Albany Center	11	10	1
Buffalo Center	3	3	-
Russian (7-12)	7	7	-
Albany Center	5	5	-
Buffalo Center	1	1	-
Stony Brook Center	1	1	-
Spanish (7-12)	126	106	20
Albany Center	34	26	8
Binghamton Center	1	-	1
Buffalo Center	19	17	2
Stony Brook Center	16	16	-
Brockport College	6	6	-
Buffalo College	5	5	-
Cortland College	5	5	-
Fredonia College	4	4	-
Geneseo College	6	3	3
New Paltz College	7	5	2
Oneonta College	7	7	-
Oswego College	9	9	-
Potsdam College	3	2	1
Agriculture and Life Sciences College	4	1	3
Biology (7-12)	254	206	48
Albany Center	19	11	8
Buffalo Center	9	6	3
Stony Brook Center	19	19	-
Brockport College	36	36	-
Buffalo College	14	14	-

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TABLE 14
EDUCATION CERTIFICATIONS RECOMMENDED TO THE STATE EDUCATION DEPARTMENT
BY CERTIFICATION AREA, BY INSTITUTION AND BY TYPE OF CERTIFICATE
JULY 1, 1970 THROUGH JUNE 30, 1971
(Continued)

Certification area and institution	All certificates recommended	Provisional certificates	Permanent certificates
Biology (7-12) (Continued)			
Cortland College	9	7	2
Fredonia College	28	27	1
Geneseo College	12	10	2
New Paltz College	21	7	14
Oneonta College	7	7	-
Oswego College	25	23	2
Plattsburgh College	23	20	3
Potsdam College	11	3	8
Agriculture and Life Sciences College	21	16	5
Chemistry (7-12)	76	60	16
Albany Center	9	7	2
Binghamton Center	1	-	1
Buffalo Center	11	9	2
Stony Brook Center	3	3	-
Brockport College	17	17	-
Buffalo College	4	4	-
Cortland College	5	5	-
Fredonia College	2	1	1
Geneseo College	1	1	-
New Paltz College	1	-	1
Oneonta College	4	4	-
Oswego College	3	2	1
Plattsburgh College	3	3	-
Potsdam College	3	2	1
Agriculture and Life Sciences College	9	2	7
Physics (7-12)	49	36	13
Albany Center	7	6	1
Buffalo Center	4	3	1
Stony Brook Center	6	6	-
Brockport College	4	4	-
Buffalo College	1	1	-

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TABLE 14
EDUCATION CERTIFICATIONS RECOMMENDED TO THE STATE EDUCATION DEPARTMENT
BY CERTIFICATION AREA, BY INSTITUTION AND BY TYPE OF CERTIFICATE
JULY 1, 1970 THROUGH JUNE 30, 1971
(Continued)

Certification area and institution	All certificates recommended	Provisional certificates	Permanent certificates
Physics (7-12) (continued)			
Cortland College	3	3	-
Fredonia College	5	2	3
Geneseo College	2	-	2
New Paltz College	3	2	1
Oneonta College	1	1	-
Oswego College	1	1	-
Plattsburgh College	1	1	-
Potsdam College	7	5	2
Agriculture and Life Sciences College	4	1	3
Earth Science (7-12)	50	47	3
Albany Center	2	2	-
Buffalo Center	7	7	-
Stony Brook Center	3	3	-
Brockport College	8	8	-
Buffalo College	3	3	-
Cortland College	2	1	1
Fredonia College	5	5	-
Geneseo College	3	3	-
New Paltz College	2	2	-
Oneonta College	3	2	1
Oswego College	7	7	-
Plattsburgh College	2	2	-
Potsdam College	2	1	1
Agriculture and Life Sciences College	1	1	-
Agriculture	21	17	4
Agriculture and Life Sciences College	21	17	4
Art	252	232	20
Buffalo Center	15	13	2
Buffalo College	124	124	-
New Paltz College	113	95	18

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TABLE 14
EDUCATION CERTIFICATIONS RECOMMENDED TO THE STATE EDUCATION DEPARTMENT
BY CERTIFICATION AREA, BY INSTITUTION AND BY TYPE OF CERTIFICATE
JULY 1, 1970 THROUGH JUNE 30, 1971
(Continued)

Certification area and institution	All certificates recommended	Provisional certificates	Permanent certificates
Commerce	180	133	47
Albany Center	88	56	32
Binghamton Center	3	-	3
Buffalo Center	89	77	12
Commerce and Distributive Education Subjects	9	5	4
Albany Center	9	5	4
Health	132	119	13
Buffalo Center	24	19	5
Brockport College	48	48	-
Cortland College	60	52	8
Home Economics	223	201	22
Buffalo College	63	63	-
Oneonta College	70	67	3
Plattsburgh College	64	49	15
Human Ecology College	26	22	4
Library	63	3	60
Albany Center	40	-	40
Buffalo Center	22	2	20
Geneseo College	1	1	-
Music	210	167	43
Buffalo Center	19	13	6
Fredonia College	90	69	21
Potsdam College	101	85	16
Physical Education	415	390	25
Buffalo Center	68	64	4
Brockport College	135	135	-
Cortland College	212	191	21

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TABLE 14
EDUCATION CERTIFICATIONS RECOMMENDED TO THE STATE EDUCATION DEPARTMENT
BY CERTIFICATION AREA, BY INSTITUTION AND BY TYPE OF CERTIFICATE
JULY 1, 1970 THROUGH JUNE 30, 1971
(Continued)

Certification area and institution	All certificates recommended	Provisional certificates	Permanent certificates
Recreation	69	62	7
Buffalo Center	18	15	3
Cortland College	51	47	4
Speech	58	53	5
Albany Center	8	8	-
Buffalo Center	15	15	-
Brockport College	5	5	-
Cortland College	4	4	-
Fredonia College	6	6	-
Geneseo College	9	4	5
Oneonta College	7	7	-
Oswego College	4	4	-
Industrial Arts	324	324	-
Buffalo College	168	168	-
Oswego College	156	156	-
Trade Shop Subjects	221	132	89
Oswego College	221	132	89
Technical Subjects	2	2	-
Oswego College	2	2	-
Related Technical Subjects	2	2	-
Oswego College	2	2	-
School Nurse Teacher	21	17	4
Oneonta College	18	17	1
Plattsburgh College	3	-	3

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TABLE 14
EDUCATION CERTIFICATIONS RECOMMENDED TO THE STATE EDUCATION DEPARTMENT
BY CERTIFICATION AREA, BY INSTITUTION AND BY TYPE OF CERTIFICATE
JULY 1, 1970 THROUGH JUNE 30, 1971
(Continued)

Certification area and institution	All certificates recommended	Provisional certificates	Permanent certificates
School Psychologist	16	5	11
Albany Center	8	-	8
Plattsburgh College	8	5	3
Guidance	147	49	98
Albany Center	30	14	16
Buffalo Center	32	22	10
Oneonta College	34	-	34
Oswego College	2	-	2
Plattsburgh College	38	7	31
Agriculture and Life Sciences College	11	6	5

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PUBLICATIONS LIST
CENTRAL STAFF OFFICE OF INSTITUTIONAL RESEARCH

Report Number	Title
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C-1	Enrollment by Academic Program, Fall 1968. (out of print)
-	Degree and Other Formal Programs Currently Offered, September 1969.
1	Enrollment, Housing and Financial Aids of Minority Group Students, Fall 1968.
3	Campus School Statistics, 1966-1967-1968.
5	Geographic Origins of Students, Fall 1968. (out of print)
6	Geographic Origins of First-time Students, Fall 1968.
7	1968-1969 Headcount Enrollment and Full-time Equivalent Workload Statistics of Credit Course Students.
8	Academic Library Statistics, 1967-1969.
10	1969-1970 Headcount Enrollment and Full-time Equivalent Workload Statistics of Credit Course Students.
11	Trends in Enrollment and Degrees, 1948-1970.
12	Geographic Origins of Students, Fall 1969.
13	Geographic Origins of First-time Students, Fall 1969.
14	Summer Credit Course Students, 1968-1970.
15	Application and Enrollment Patterns of Transfer Students, Fall 1970.
16	Campus School Statistics, 1966-1970.
17	Graduate Student Admissions Survey, Fall 1970.
18	Academic Library Statistics 1969-1970.
19	Inventory of Selected Interinstitutional Cooperative Arrangements as of January 1971.

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PUBLICATIONS LIST
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(Continued)

Report Number	Title
20	Summer 1971 Credit Course Students with 1968-1971 Trends.
21	Geographic Origins of Students, Fall 1970.
22	Geographic Origins of First-time Students, Fall 1970.
23	Employee Characteristics and Salary Statistics, Fall 1970
24	1970-1971 Headcount Enrollment and Full-time Equivalent Workload Statistics of Credit Course Students.
27	Migration of U.S. College Students with Emphasis on New York State, Fall 1968.
28	Preparation of Educational Personnel 1968-69, 1969-70 and 1970-71 with Trends from 1966-67.

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